

SEQUENCE LISTING

<110> Braun, A.

<120> POLYMORPHIC KINASE ANCHOR PROTEINS AND
NUCLEIC ACIDS ENCODING THE SAME

<130> 24736-2035

<140> Not Yet Assigned

<141> 2001-04-12

<150> 60/217,251

<151> 2000-07-10

<150> 60/240,335

<151> 2000-10-13

<160> 25

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 2363

<212> DNA

<213> Homo Sapiens

<220>

<221> CDS

<222> (138)...(2126)

<223> Wild Type AKAP-10

<300>

<308> GenBank AF037439

<309> 1997-12-21

<400> 1

```

gcggtctgtt gataatatgg cggctggagc tgcctgggca tcccgaggag gcggtggggc      60
ccactcccgg aagaagggtc ccttttcgcg ctagtgcagc ggcccctctg gaccgggaag      120
tccggggccgg ttgctga atg agg gga gcc ggg ccc tcc ccg cgc cag tcc      170
                Met Arg Gly Ala Gly Pro Ser Pro Arg Gln Ser
                  1             5             10

ccc cgc acc ctc cgt ccc gac ccg ggc ccc gcc atg tcc ttc ttc cgg      218
Pro Arg Thr Leu Arg Pro Asp Pro Gly Pro Ala Met Ser Phe Phe Arg
                15             20             25

cgg aaa gtg aaa ggc aaa gaa caa gag aag acc tca gat gtg aag tcc      266
Arg Lys Val Lys Gly Lys Glu Gln Glu Lys Thr Ser Asp Val Lys Ser
                30             35             40

att aaa gct tca ata tcc gta cat tcc cca caa aaa agc act aaa aat      314
Ile Lys Ala Ser Ile Ser Val His Ser Pro Gln Lys Ser Thr Lys Asn
                45             50             55

cat gcc ttg ctg gag gct gca gga cca agt cat gtt gca atc aat gcc      362
His Ala Leu Leu Glu Ala Ala Gly Pro Ser His Val Ala Ile Asn Ala
                60             65             70             75

att tct gcc aac atg gac tcc ttt tca agt agc agg aca gcc aca ctt      410
Ile Ser Ala Asn Met Asp Ser Phe Ser Ser Ser Arg Thr Ala Thr Leu
                80             85             90

aag aag cag cca agc cac atg gag gct gct cat ttt ggt gac ctg ggc      458

```

Lys	Lys	Gln	Pro	Ser	His	Met	Glu	Ala	Ala	His	Phe	Gly	Asp	Leu	Gly	
			95					100					105			
aga	tct	tgt	ctg	gac	tac	cag	act	caa	gag	acc	aaa	tca	agc	ctt	tct	506
Arg	Ser	Cys	Leu	Asp	Tyr	Gln	Thr	Gln	Glu	Thr	Lys	Ser	Ser	Leu	Ser	
		110					115					120				
aag	acc	ctt	gaa	caa	gtc	ttg	cac	gac	act	att	gtc	ctc	cct	tac	ttc	554
Lys	Thr	Leu	Glu	Gln	Val	Leu	His	Asp	Thr	Ile	Val	Leu	Pro	Tyr	Phe	
	125					130					135					
att	caa	ttc	atg	gaa	ctt	cgg	cga	atg	gag	cat	ttg	gtg	aaa	ttt	tgg	602
Ile	Gln	Phe	Met	Glu	Leu	Arg	Arg	Met	Glu	His	Leu	Val	Lys	Phe	Trp	
140					145					150					155	
tta	gag	gct	gaa	agt	ttt	cat	tca	aca	act	tgg	tcg	cga	ata	aga	gca	650
Leu	Glu	Ala	Glu	Ser	Phe	His	Ser	Thr	Thr	Trp	Ser	Arg	Ile	Arg	Ala	
				160					165					170		
cac	agt	cta	aac	aca	atg	aag	cag	agc	tca	ctg	gct	gag	cct	gtc	tct	698
His	Ser	Leu	Asn	Thr	Met	Lys	Gln	Ser	Ser	Leu	Ala	Glu	Pro	Val	Ser	
			175				180						185			
cca	tct	aaa	aag	cat	gaa	act	aca	gcg	tct	ttt	tta	act	gat	tct	ctt	746
Pro	Ser	Lys	Lys	His	Glu	Thr	Thr	Ala	Ser	Phe	Leu	Thr	Asp	Ser	Leu	
		190					195					200				
gat	aag	aga	ttg	gag	gat	tct	ggc	tca	gca	cag	ttg	ttt	atg	act	cat	794
Asp	Lys	Arg	Leu	Glu	Asp	Ser	Gly	Ser	Ala	Gln	Leu	Phe	Met	Thr	His	
	205					210					215					
tca	gaa	gga	att	gac	ctg	aat	aat	aga	act	aac	agc	act	cag	aat	cac	842
Ser	Glu	Gly	Ile	Asp	Leu	Asn	Asn	Arg	Thr	Asn	Ser	Thr	Gln	Asn	His	
220					225					230					235	
ttg	ctg	ctt	tcc	cag	gaa	tgt	gac	agt	gcc	cat	tct	ctc	cgt	ctt	gaa	890
Leu	Leu	Leu	Ser	Gln	Glu	Cys	Asp	Ser	Ala	His	Ser	Leu	Arg	Leu	Glu	
				240					245					250		
atg	gcc	aga	gca	gga	act	cac	caa	gtt	tcc	atg	gaa	acc	caa	gaa	tct	938
Met	Ala	Arg	Ala	Gly	Thr	His	Gln	Val	Ser	Met	Glu	Thr	Gln	Glu	Ser	
			255				260						265			
tcc	tct	aca	ctt	aca	gta	gcc	agt	aga	aat	agt	ccc	gct	tct	cca	cta	986
Ser	Ser	Thr	Leu	Thr	Val	Ala	Ser	Arg	Asn	Ser	Pro	Ala	Ser	Pro	Leu	
		270					275					280				
aaa	gaa	ttg	tca	gga	aaa	cta	atg	aaa	agt	ata	gaa	caa	gat	gca	gtg	1034
Lys	Glu	Leu	Ser	Gly	Lys	Leu	Met	Lys	Ser	Ile	Glu	Gln	Asp	Ala	Val	
	285					290					295					
aat	act	ttt	acc	aaa	tat	ata	tct	cca	gat	gct	gct	aaa	cca	ata	cca	1082
Asn	Thr	Phe	Thr	Lys	Tyr	Ile	Ser	Pro	Asp	Ala	Ala	Lys	Pro	Ile	Pro	
300					305					310					315	
att	aca	gaa	gca	atg	aga	aat	gac	atc	ata	gca	agg	att	tgt	gga	gaa	1130
Ile	Thr	Glu	Ala	Met	Arg	Asn	Asp	Ile	Ile	Ala	Arg	Ile	Cys	Gly	Glu	
				320					325					330		
gat	gga	cag	gtg	gat	ccc	aac	tgt	ttc	gtt	ttg	gca	cag	tcc	ata	gtc	1178
Asp	Gly	Gln	Val	Asp	Pro	Asn	Cys	Phe	Val	Leu	Ala	Gln	Ser	Ile	Val	
			335					340					345			
ttt	agt	gca	atg	gag	caa	gag	cac	ttt	agt	gag	ttt	ctg	cga	agt	cac	1226
Phe	Ser	Ala	Met	Glu	Gln	Glu	His	Phe	Ser	Glu	Phe	Leu	Arg	Ser	His	

350						355						360						
cat	ttc	tgt	aaa	tac	cag	att	gaa	gtg	ctg	acc	agt	gga	act	gtt	tac	1274		
His	Phe	Cys	Lys	Tyr	Gln	Ile	Glu	Val	Leu	Thr	Ser	Gly	Thr	Val	Tyr			
	365					370					375							
ctg	gct	gac	att	ctc	ttc	tgt	gag	tca	gcc	ctc	ttt	tat	ttc	tct	gag	1322		
Leu	Ala	Asp	Ile	Leu	Phe	Cys	Glu	Ser	Ala	Leu	Phe	Tyr	Phe	Ser	Glu			
380					385					390					395			
tac	atg	gaa	aaa	gag	gat	gca	gtg	aat	atc	tta	caa	ttc	tgg	ttg	gca	1370		
Tyr	Met	Glu	Lys	Glu	Asp	Ala	Val	Asn	Ile	Leu	Gln	Phe	Trp	Leu	Ala			
				400					405					410				
gca	gat	aac	ttc	cag	tct	cag	ctt	gct	gcc	aaa	aag	ggg	caa	tat	gat	1418		
Ala	Asp	Asn	Phe	Gln	Ser	Gln	Leu	Ala	Ala	Lys	Lys	Gly	Gln	Tyr	Asp			
			415				420						425					
gga	cag	gag	gca	cag	aat	gat	gcc	atg	att	tta	tat	gac	aag	tac	ttc	1466		
Gly	Gln	Glu	Ala	Gln	Asn	Asp	Ala	Met	Ile	Leu	Tyr	Asp	Lys	Tyr	Phe			
		430					435					440						
tcc	ctc	caa	gcc	aca	cat	cct	ctt	gga	ttt	gat	gat	gtt	gta	cga	tta	1514		
Ser	Leu	Gln	Ala	Thr	His	Pro	Leu	Gly	Phe	Asp	Asp	Val	Val	Arg	Leu			
	445					450				455								
gaa	att	gaa	tcc	aat	atc	tgc	agg	gaa	ggg	ggg	cca	ctc	ccc	aac	tgt	1562		
Glu	Ile	Glu	Ser	Asn	Ile	Cys	Arg	Glu	Gly	Gly	Pro	Leu	Pro	Asn	Cys			
460					465					470					475			
ttc	aca	act	cca	tta	cgt	cag	gcc	tgg	aca	acc	atg	gag	aag	gtc	ttt	1610		
Phe	Thr	Thr	Pro	Leu	Arg	Gln	Ala	Trp	Thr	Thr	Met	Glu	Lys	Val	Phe			
				480				485						490				
ttg	cct	ggc	ttt	ctg	tcc	agc	aat	ctt	tat	tat	aaa	tat	ttg	aat	gat	1658		
Leu	Pro	Gly	Phe	Leu	Ser	Ser	Asn	Leu	Tyr	Tyr	Lys	Tyr	Leu	Asn	Asp			
			495					500					505					
ctc	atc	cat	tgc	gtt	cga	gga	gat	gaa	ttt	ctg	ggc	ggg	aac	gtg	tgc	1706		
Leu	Ile	His	Ser	Val	Arg	Gly	Asp	Glu	Phe	Leu	Gly	Gly	Asn	Val	Ser			
		510					515					520						
ccg	act	gct	cct	ggc	tct	gtt	ggc	cct	cct	gat	gag	tct	cac	cca	ggg	1754		
Pro	Thr	Ala	Pro	Gly	Ser	Val	Gly	Pro	Pro	Asp	Glu	Ser	His	Pro	Gly			
	525					530					535							
agt	tct	gac	agc	tct	gcg	tct	cag	tcc	agt	gtg	aaa	aaa	gcc	agt	att	1802		
Ser	Ser	Asp	Ser	Ser	Ala	Ser	Gln	Ser	Ser	Val	Lys	Lys	Ala	Ser	Ile			
540					545					550					555			
aaa	ata	ctg	aaa	aat	ttt	gat	gaa	gcg	ata	att	gtg	gat	gcg	gca	agt	1850		
Lys	Ile	Leu	Lys	Asn	Phe	Asp	Glu	Ala	Ile	Ile	Val	Asp	Ala	Ala	Ser			
				560					565					570				
ctg	gat	cca	gaa	tct	tta	tat	caa	cgg	aca	tat	gcc	ggg	aag	atg	aca	1898		
Leu	Asp	Pro	Glu	Ser	Leu	Tyr	Gln	Arg	Thr	Tyr	Ala	Gly	Lys	Met	Thr			
			575				580						585					
ttt	gga	aga	gtg	agt	gac	ttg	ggg	caa	ttc	atc	cgg	gaa	tct	gag	cct	1946		
Phe	Gly	Arg	Val	Ser	Asp	Leu	Gly	Gln	Phe	Ile	Arg	Glu	Ser	Glu	Pro			
		590					595					600						
gaa	cct	gat	gta	agg	aaa	tca	aaa	gga	tcc	atg	ttc	tca	caa	gct	atg	1994		
Glu	Pro	Asp	Val	Arg	Lys	Ser	Lys	Gly	Ser	Met	Phe	Ser	Gln	Ala	Met			
	605					610					615							

aag aaa tgg gtg caa gga aat act gat gag gcc cag gaa gag cta gct 2042
 Lys Lys Trp Val Gln Gly Asn Thr Asp Glu Ala Gln Glu Glu Leu Ala
 620 625 630 635

tgg aag att gct aaa atg ata gtc agt gac att atg cag cag gct cag 2090
 Trp Lys Ile Ala Lys Met Ile Val Ser Asp Ile Met Gln Gln Ala Gln
 640 645 650

tat gat caa ccg tta gag aaa tct aca aag tta tga ctcaaaactt 2136
 Tyr Asp Gln Pro Leu Glu Lys Ser Thr Lys Leu *
 655 660

gagataaagg aaatctgctt gtgaaaaata agagaacttt tttcccttgg ttggattctt 2196
 caacacagcc aatgaaaaca gcactatatt tctgatctgt cactgttggt tccagggaga 2256
 gaatggggag acaatcctag gacttccacc ctaatgcagt tacctgtagg gcataattgg 2316
 atggcacatg atgtttcaca cagtgaggag tctttaaagg ttaccaa 2363

<210> 2
 <211> 662
 <212> PRT
 <213> Homo Sapiens

<400> 2
 Met Arg Gly Ala Gly Pro Ser Pro Arg Gln Ser Pro Arg Thr Leu Arg
 1 5 10 15
 Pro Asp Pro Gly Pro Ala Met Ser Phe Phe Arg Arg Lys Val Lys Gly
 20 25 30
 Lys Glu Gln Glu Lys Thr Ser Asp Val Lys Ser Ile Lys Ala Ser Ile
 35 40 45
 Ser Val His Ser Pro Gln Lys Ser Thr Lys Asn His Ala Leu Leu Glu
 50 55 60
 Ala Ala Gly Pro Ser His Val Ala Ile Asn Ala Ile Ser Ala Asn Met
 65 70 75 80
 Asp Ser Phe Ser Ser Ser Arg Thr Ala Thr Leu Lys Lys Gln Pro Ser
 85 90 95
 His Met Glu Ala Ala His Phe Gly Asp Leu Gly Arg Ser Cys Leu Asp
 100 105 110
 Tyr Gln Thr Gln Glu Thr Lys Ser Ser Leu Ser Lys Thr Leu Glu Gln
 115 120 125
 Val Leu His Asp Thr Ile Val Leu Pro Tyr Phe Ile Gln Phe Met Glu
 130 135 140
 Leu Arg Arg Met Glu His Leu Val Lys Phe Trp Leu Glu Ala Glu Ser
 145 150 155 160
 Phe His Ser Thr Thr Trp Ser Arg Ile Arg Ala His Ser Leu Asn Thr
 165 170 175
 Met Lys Gln Ser Ser Leu Ala Glu Pro Val Ser Pro Ser Lys Lys His
 180 185 190
 Glu Thr Thr Ala Ser Phe Leu Thr Asp Ser Leu Asp Lys Arg Leu Glu
 195 200 205
 Asp Ser Gly Ser Ala Gln Leu Phe Met Thr His Ser Glu Gly Ile Asp
 210 215 220
 Leu Asn Asn Arg Thr Asn Ser Thr Gln Asn His Leu Leu Leu Ser Gln
 225 230 235 240
 Glu Cys Asp Ser Ala His Ser Leu Arg Leu Glu Met Ala Arg Ala Gly
 245 250 255
 Thr His Gln Val Ser Met Glu Thr Gln Glu Ser Ser Ser Thr Leu Thr
 260 265 270
 Val Ala Ser Arg Asn Ser Pro Ala Ser Pro Leu Lys Glu Leu Ser Gly
 275 280 285
 Lys Leu Met Lys Ser Ile Glu Gln Asp Ala Val Asn Thr Phe Thr Lys
 290 295 300
 Tyr Ile Ser Pro Asp Ala Ala Lys Pro Ile Pro Ile Thr Glu Ala Met
 305 310 315 320
 Arg Asn Asp Ile Ile Ala Arg Ile Cys Gly Glu Asp Gly Gln Val Asp

Pro	Asn	Cys	Phe	325	Val	Leu	Ala	Gln	Ser	330	Ile	Val	Phe	Ser	Ala	335	Met	Glu
Gln	Glu	His	340	Phe	Ser	Glu	Phe	Leu	Arg	345	Ser	His	His	Phe	350	Cys	Lys	Tyr
Gln	Ile	Glu	355	Val	Leu	Thr	Ser	Gly	Thr	360	Val	Tyr	Leu	Ala	365	Asp	Ile	Leu
Phe	Cys	Glu	370	Ser	Ala	Leu	Phe	Tyr	Phe	375	Ser	Glu	Tyr	Met	380	Glu	Lys	Glu
Asp	Ala	Val	385	Asn	Ile	Leu	Gln	Phe	Trp	390	Leu	Ala	Ala	Asp	395	Asn	Phe	Gln
Ser	Gln	Leu	405	Ala	Ala	Lys	Lys	Gly	Gln	410	Tyr	Asp	Gly	Gln	415	Glu	Ala	Gln
Asn	Asp	Ala	420	Met	Ile	Leu	Tyr	Asp	Lys	425	Tyr	Phe	Ser	Leu	430	Gln	Ala	Thr
His	Pro	Leu	435	Gly	Phe	Asp	Asp	Val	Val	440	Arg	Leu	Glu	Ile	445	Glu	Ser	Asn
Ile	Cys	Arg	450	Glu	Gly	Gly	Pro	Leu	Pro	455	Asn	Cys	Phe	Thr	460	Thr	Pro	Leu
Arg	Gln	Ala	465	Trp	Thr	Met	Glu	Lys	Val	470	Phe	Leu	Pro	Gly	475	Phe	Leu	Leu
Ser	Ser	Asn	485	Leu	Tyr	Tyr	Lys	Tyr	Leu	490	Asn	Asp	Leu	Ile	495	His	Ser	Val
Arg	Gly	Asp	500	Glu	Phe	Leu	Gly	Gly	Asn	505	Val	Ser	Pro	Thr	510	Ala	Pro	Gly
Ser	Val	Gly	515	Pro	Pro	Asp	Glu	Ser	His	520	Pro	Gly	Ser	Ser	525	Asp	Ser	Ser
Ala	Ser	Gln	530	Ser	Ser	Val	Lys	Lys	Ala	535	Ser	Ile	Lys	Ile	540	Leu	Lys	Asn
Phe	Asp	Glu	545	Ala	Ile	Ile	Val	Asp	Ala	550	Ala	Ser	Leu	Asp	555	Pro	Glu	Ser
Leu	Tyr	Gln	565	Arg	Thr	Tyr	Ala	Gly	Lys	570	Met	Thr	Phe	Gly	575	Arg	Val	Ser
Asp	Leu	Gly	580	Gln	Phe	Ile	Arg	Glu	Ser	585	Glu	Pro	Glu	Pro	590	Asp	Val	Arg
Lys	Ser	Lys	595	Gly	Ser	Met	Phe	Ser	Gln	600	Ala	Met	Lys	Lys	605	Trp	Val	Gln
Gly	Asn	Thr	610	Asp	Glu	Ala	Gln	Glu	Glu	615	Leu	Ala	Trp	Lys	620	Ile	Ala	Lys
Met	Ile	Val	625	Ser	Asp	Ile	Met	Gln	Gln	630	Ala	Gln	Tyr	Asp	635	Gln	Pro	Leu
Glu	Lys	Ser	645	Thr	Lys	Leu				650					655			

<210> 3
 <211> 2363
 <212> DNA
 <213> Homo Sapiens

<220>
 <221> CDS
 <222> (138)...(2126)
 <223> AKAP-10-5

<221> allele
 <222> 2073
 <223> Single Nucleotide Polymorphism: A to G

<400> 3	
gcggcttggt gataatatgg cggctggagc tgcttgggca tcccgaggag gcggtggggc	60
ccactcccgg aagaagggtc ctttttcgcg ctagtgcagc ggcccctctg gacccggaag	120
tccgggcccgg ttgctga atg agg gga gcc ggg ccc tcc ccg cgc cag tcc	170
Met Arg Gly Ala Gly Pro Ser Pro Arg Gln Ser	
1 5 10	

ccc	cgc	acc	ctc	cgt	ccc	gac	ccg	ggc	ccc	gcc	atg	tcc	ttc	ttc	cgg	218
Pro	Arg	Thr	Leu	Arg	Pro	Asp	Pro	Gly	Pro	Ala	Met	Ser	Phe	Phe	Arg	
			15					20					25			
cgg	aaa	gtg	aaa	ggc	aaa	gaa	caa	gag	aag	acc	tca	gat	gtg	aag	tcc	266
Arg	Lys	Val	Lys	Gly	Lys	Glu	Gln	Glu	Lys	Thr	Ser	Asp	Val	Lys	Ser	
		30					35					40				
att	aaa	gct	tca	ata	tcc	gta	cat	tcc	cca	caa	aaa	agc	act	aaa	aat	314
Ile	Lys	Ala	Ser	Ile	Ser	Val	His	Ser	Pro	Gln	Lys	Ser	Thr	Lys	Asn	
	45					50					55					
cat	gcc	ttg	ctg	gag	gct	gca	gga	cca	agt	cat	gtt	gca	atc	aat	gcc	362
His	Ala	Leu	Leu	Glu	Ala	Ala	Gly	Pro	Ser	His	Val	Ala	Ile	Asn	Ala	
	60				65				70						75	
att	tct	gcc	aac	atg	gac	tcc	ttt	tca	agt	agc	agg	aca	gcc	aca	ctt	410
Ile	Ser	Ala	Asn	Met	Asp	Ser	Phe	Ser	Ser	Ser	Arg	Thr	Ala	Thr	Leu	
				80					85					90		
aag	aag	cag	cca	agc	cac	atg	gag	gct	gct	cat	ttt	ggg	gac	ctg	ggc	458
Lys	Lys	Gln	Pro	Ser	His	Met	Glu	Ala	Ala	His	Phe	Gly	Asp	Leu	Gly	
			95					100					105			
aga	tct	tgt	ctg	gac	tac	cag	act	caa	gag	acc	aaa	tca	agc	ctt	tct	506
Arg	Ser	Cys	Leu	Asp	Tyr	Gln	Thr	Gln	Glu	Thr	Lys	Ser	Ser	Leu	Ser	
		110					115					120				
aag	acc	ctt	gaa	caa	gtc	ttg	cac	gac	act	att	gtc	ctc	cct	tac	ttc	554
Lys	Thr	Leu	Glu	Gln	Val	Leu	His	Asp	Thr	Ile	Val	Leu	Pro	Tyr	Phe	
	125					130					135					
att	caa	ttc	atg	gaa	ctt	cgg	cga	atg	gag	cat	ttg	gtg	aaa	ttt	tgg	602
Ile	Gln	Phe	Met	Glu	Leu	Arg	Arg	Met	Glu	His	Leu	Val	Lys	Phe	Trp	
	140				145					150					155	
tta	gag	gct	gaa	agt	ttt	cat	tca	aca	act	tgg	tcg	cga	ata	aga	gca	650
Leu	Glu	Ala	Glu	Ser	Phe	His	Ser	Thr	Thr	Trp	Ser	Arg	Ile	Arg	Ala	
				160					165					170		
cac	agt	cta	aac	aca	atg	aag	cag	agc	tca	ctg	gct	gag	cct	gtc	tct	698
His	Ser	Leu	Asn	Thr	Met	Lys	Gln	Ser	Ser	Leu	Ala	Glu	Pro	Val	Ser	
			175					180					185			
cca	tct	aaa	aag	cat	gaa	act	aca	gcg	tct	ttt	tta	act	gat	tct	ctt	746
Pro	Ser	Lys	Lys	His	Glu	Thr	Thr	Ala	Ser	Phe	Leu	Thr	Asp	Ser	Leu	
		190					195					200				
gat	aag	aga	ttg	gag	gat	tct	ggc	tca	gca	cag	ttg	ttt	atg	act	cat	794
Asp	Lys	Arg	Leu	Glu	Asp	Ser	Gly	Ser	Ala	Gln	Leu	Phe	Met	Thr	His	
	205					210					215					
tca	gaa	gga	att	gac	ctg	aat	aat	aga	act	aac	agc	act	cag	aat	cac	842
Ser	Glu	Gly	Ile	Asp	Leu	Asn	Asn	Arg	Thr	Asn	Ser	Thr	Gln	Asn	His	
	220				225					230					235	
ttg	ctg	ctt	tcc	cag	gaa	tgt	gac	agt	gcc	cat	tct	ctc	cgt	ctt	gaa	890
Leu	Leu	Leu	Ser	Gln	Glu	Cys	Asp	Ser	Ala	His	Ser	Leu	Arg	Leu	Glu	
				240					245					250		
atg	gcc	aga	gca	gga	act	cac	caa	gtt	tcc	atg	gaa	acc	caa	gaa	tct	938
Met	Ala	Arg	Ala	Gly	Thr	His	Gln	Val	Ser	Met	Glu	Thr	Gln	Glu	Ser	
			255					260					265			
tcc	tct	aca	ctt	aca	gta	gcc	agt	aga	aat	agt	ccc	gct	tct	cca	cta	986

Ser	Ser	Thr	Leu	Thr	Val	Ala	Ser	Arg	Asn	Ser	Pro	Ala	Ser	Pro	Leu	
		270					275					280				
aaa	gaa	ttg	tca	gga	aaa	cta	atg	aaa	agt	ata	gaa	caa	gat	gca	gtg	1034
Lys	Glu	Leu	Ser	Gly	Lys	Leu	Met	Lys	Ser	Ile	Glu	Gln	Asp	Ala	Val	
	285					290					295					
aat	act	ttt	acc	aaa	tat	ata	tct	cca	gat	gct	gct	aaa	cca	ata	cca	1082
Asn	Thr	Phe	Thr	Lys	Tyr	Ile	Ser	Pro	Asp	Ala	Ala	Lys	Pro	Ile	Pro	
300					305					310					315	
att	aca	gaa	gca	atg	aga	aat	gac	atc	ata	gca	agg	att	tgt	gga	gaa	1130
Ile	Thr	Glu	Ala	Met	Arg	Asn	Asp	Ile	Ile	Ala	Arg	Ile	Cys	Gly	Glu	
				320					325					330		
gat	gga	cag	gtg	gat	ccc	aac	tgt	ttc	gtt	ttg	gca	cag	tcc	ata	gtc	1178
Asp	Gly	Gln	Val	Asp	Pro	Asn	Cys	Phe	Val	Leu	Ala	Gln	Ser	Ile	Val	
			335					340					345			
ttt	agt	gca	atg	gag	caa	gag	cac	ttt	agt	gag	ttt	ctg	cga	agt	cac	1226
Phe	Ser	Ala	Met	Glu	Gln	Glu	His	Phe	Ser	Glu	Phe	Leu	Arg	Ser	His	
		350					355					360				
cat	ttc	tgt	aaa	tac	cag	att	gaa	gtg	ctg	acc	agt	gga	act	gtt	tac	1274
His	Phe	Cys	Lys	Tyr	Gln	Ile	Glu	Val	Leu	Thr	Ser	Gly	Thr	Val	Tyr	
	365					370				375						
ctg	gct	gac	att	ctc	ttc	tgt	gag	tca	gcc	ctc	ttt	tat	ttc	tct	gag	1322
Leu	Ala	Asp	Ile	Leu	Phe	Cys	Glu	Ser	Ala	Leu	Phe	Tyr	Phe	Ser	Glu	
380					385					390					395	
tac	atg	gaa	aaa	gag	gat	gca	gtg	aat	atc	tta	caa	ttc	tgg	ttg	gca	1370
Tyr	Met	Glu	Lys	Glu	Asp	Ala	Val	Asn	Ile	Leu	Gln	Phe	Trp	Leu	Ala	
				400					405					410		
gca	gat	aac	ttc	cag	tct	cag	ctt	gct	gcc	aaa	aag	ggg	caa	tat	gat	1418
Ala	Asp	Asn	Phe	Gln	Ser	Gln	Leu	Ala	Ala	Lys	Lys	Gly	Gln	Tyr	Asp	
			415				420					425				
gga	cag	gag	gca	cag	aat	gat	gcc	atg	att	tta	tat	gac	aag	tac	ttc	1466
Gly	Gln	Glu	Ala	Gln	Asn	Asp	Ala	Met	Ile	Leu	Tyr	Asp	Lys	Tyr	Phe	
		430				435						440				
tcc	ctc	caa	gcc	aca	cat	cct	ctt	gga	ttt	gat	gat	gtt	gta	cga	tta	1514
Ser	Leu	Gln	Ala	Thr	His	Pro	Leu	Gly	Phe	Asp	Asp	Val	Val	Arg	Leu	
	445					450					455					
gaa	att	gaa	tcc	aat	atc	tgc	agg	gaa	ggg	ggg	cca	ctc	ccc	aac	tgt	1562
Glu	Ile	Glu	Ser	Asn	Ile	Cys	Arg	Glu	Gly	Gly	Pro	Leu	Pro	Asn	Cys	
460					465				470						475	
ttc	aca	act	cca	tta	cgt	cag	gcc	tgg	aca	acc	atg	gag	aag	gtc	ttt	1610
Phe	Thr	Thr	Pro	Leu	Arg	Gln	Ala	Trp	Thr	Thr	Met	Glu	Lys	Val	Phe	
				480				485						490		
ttg	cct	ggc	ttt	ctg	tcc	agc	aat	ctt	tat	tat	aaa	tat	ttg	aat	gat	1658
Leu	Pro	Gly	Phe	Leu	Ser	Ser	Asn	Leu	Tyr	Tyr	Lys	Tyr	Leu	Asn	Asp	
			495					500					505			
ctc	atc	cat	tcg	gtt	cga	gga	gat	gaa	ttt	ctg	ggc	ggg	aac	gtg	tcg	1706
Leu	Ile	His	Ser	Val	Arg	Gly	Asp	Glu	Phe	Leu	Gly	Gly	Asn	Val	Ser	
		510				515						520				
ccg	act	gct	cct	ggc	tct	gtt	ggc	cct	cct	gat	gag	tct	cac	cca	ggg	1754
Pro	Thr	Ala	Pro	Gly	Ser	Val	Gly	Pro	Pro	Asp	Glu	Ser	His	Pro	Gly	

525	530	535	
agt tct gac agc tct gcg tct cag tcc agt gtg aaa aaa gcc agt att Ser Ser Asp Ser Ser Ala Ser Gln Ser Ser Val Lys Lys Ala Ser Ile 540 545 550 555			1802
aaa ata ctg aaa aat ttt gat gaa gcg ata att gtg gat gcg gca agt Lys Ile Leu Lys Asn Phe Asp Glu Ala Ile Ile Val Asp Ala Ala Ser 560 565 570			1850
ctg gat cca gaa tct tta tat caa cgg aca tat gcc ggg aag atg aca Leu Asp Pro Glu Ser Leu Tyr Gln Arg Thr Tyr Ala Gly Lys Met Thr 575 580 585			1898
ttt gga aga gtg agt gac ttg ggg caa ttc atc cgg gaa tct gag cct Phe Gly Arg Val Ser Asp Leu Gly Gln Phe Ile Arg Glu Ser Glu Pro 590 595 600			1946
gaa cct gat gta agg aaa tca aaa gga tcc atg ttc tca caa gct atg Glu Pro Asp Val Arg Lys Ser Lys Gly Ser Met Phe Ser Gln Ala Met 605 610 615			1994
aag aaa tgg gtg caa gga aat act gat gag gcc cag gaa gag cta gct Lys Lys Trp Val Gln Gly Asn Thr Asp Glu Ala Gln Glu Glu Leu Ala 620 625 630 635			2042
tgg aag att gct aaa atg ata gtc agt gac gtt atg cag cag gct cag Trp Lys Ile Ala Lys Met Ile Val Ser Asp Val Met Gln Gln Ala Gln 640 645 650			2090
tat gat caa ccg tta gag aaa tct aca aag tta tga ctcaaaactt Tyr Asp Gln Pro Leu Glu Lys Ser Thr Lys Leu *			2136
gagataaagg aaatctgctt gtgaaaaata agagaacttt tttcccttgg ttggattctt caacacagcc aatgaaaaca gcactatatt tctgatctgt cactgttggt tccagggaga gaatggggag acaatcctag gacttccacc ctaatgcagt tacctgtagg gcataattgg atggcacatg atgtttcaca cagtgaggag tctttaaagg ttaccaa			2196 2256 2316 2363

<210> 4
 <211> 662
 <212> PRT
 <213> Homo Sapiens

<400> 4
 Met Arg Gly Ala Gly Pro Ser Pro Arg Gln Ser Pro Arg Thr Leu Arg
 1 5 10 15
 Pro Asp Pro Gly Pro Ala Met Ser Phe Phe Arg Arg Lys Val Lys Gly
 20 25 30
 Lys Glu Gln Glu Lys Thr Ser Asp Val Lys Ser Ile Lys Ala Ser Ile
 35 40 45
 Ser Val His Ser Pro Gln Lys Ser Thr Lys Asn His Ala Leu Leu Glu
 50 55 60
 Ala Ala Gly Pro Ser His Val Ala Ile Asn Ala Ile Ser Ala Asn Met
 65 70 75 80
 Asp Ser Phe Ser Ser Ser Arg Thr Ala Thr Leu Lys Lys Gln Pro Ser
 85 90 95
 His Met Glu Ala Ala His Phe Gly Asp Leu Gly Arg Ser Cys Leu Asp
 100 105 110
 Tyr Gln Thr Gln Glu Thr Lys Ser Leu Ser Lys Thr Leu Glu Gln
 115 120 125
 Val Leu His Asp Thr Ile Val Leu Pro Tyr Phe Ile Gln Phe Met Glu
 130 135 140
 Leu Arg Arg Met Glu His Leu Val Lys Phe Trp Leu Glu Ala Glu Ser
 145 150 155 160

Phe	His	Ser	Thr	Thr	Trp	Ser	Arg	Ile	Arg	Ala	His	Ser	Leu	Asn	Thr	
				165					170					175		
Met	Lys	Gln	Ser	Ser	Leu	Ala	Glu	Pro	Val	Ser	Pro	Ser	Lys	Lys	His	
			180					185					190			
Glu	Thr	Thr	Ala	Ser	Phe	Leu	Thr	Asp	Ser	Leu	Asp	Lys	Arg	Leu	Glu	
		195					200					205				
Asp	Ser	Gly	Ser	Ala	Gln	Leu	Phe	Met	Thr	His	Ser	Glu	Gly	Ile	Asp	
	210					215					220					
Leu	Asn	Asn	Arg	Thr	Asn	Ser	Thr	Gln	Asn	His	Leu	Leu	Leu	Ser	Gln	
225					230					235					240	
Glu	Cys	Asp	Ser	Ala	His	Ser	Leu	Arg	Leu	Glu	Met	Ala	Arg	Ala	Gly	
				245					250					255		
Thr	His	Gln	Val	Ser	Met	Glu	Thr	Gln	Glu	Ser	Ser	Ser	Thr	Leu	Thr	
			260					265					270			
Val	Ala	Ser	Arg	Asn	Ser	Pro	Ala	Ser	Pro	Leu	Lys	Glu	Leu	Ser	Gly	
		275					280					285				
Lys	Leu	Met	Lys	Ser	Ile	Glu	Gln	Asp	Ala	Val	Asn	Thr	Phe	Thr	Lys	
	290					295					300					
Tyr	Ile	Ser	Pro	Asp	Ala	Ala	Lys	Pro	Ile	Pro	Ile	Thr	Glu	Ala	Met	
305					310					315					320	
Arg	Asn	Asp	Ile	Ile	Ala	Arg	Ile	Cys	Gly	Glu	Asp	Gly	Gln	Val	Asp	
				325					330					335		
Pro	Asn	Cys	Phe	Val	Leu	Ala	Gln	Ser	Ile	Val	Phe	Ser	Ala	Met	Glu	
			340				345						350			
Gln	Glu	His	Phe	Ser	Glu	Phe	Leu	Arg	Ser	His	His	Phe	Cys	Lys	Tyr	
		355					360					365				
Gln	Ile	Glu	Val	Leu	Thr	Ser	Gly	Thr	Val	Tyr	Leu	Ala	Asp	Ile	Leu	
	370					375					380					
Phe	Cys	Glu	Ser	Ala	Leu	Phe	Tyr	Phe	Ser	Glu	Tyr	Met	Glu	Lys	Glu	
385					390					395					400	
Asp	Ala	Val	Asn	Ile	Leu	Gln	Phe	Trp	Leu	Ala	Ala	Asp	Asn	Phe	Gln	
				405					410					415		
Ser	Gln	Leu	Ala	Ala	Lys	Lys	Gly	Gln	Tyr	Asp	Gly	Gln	Glu	Ala	Gln	
			420					425					430			
Asn	Asp	Ala	Met	Ile	Leu	Tyr	Asp	Lys	Tyr	Phe	Ser	Leu	Gln	Ala	Thr	
		435					440					445				
His	Pro	Leu	Gly	Phe	Asp	Asp	Val	Val	Arg	Leu	Glu	Ile	Glu	Ser	Asn	
	450				455						460					
Ile	Cys	Arg	Glu	Gly	Gly	Pro	Leu	Pro	Asn	Cys	Phe	Thr	Thr	Pro	Leu	
465					470					475					480	
Arg	Gln	Ala	Trp	Thr	Thr	Met	Glu	Lys	Val	Phe	Leu	Pro	Gly	Phe	Leu	
				485					490					495		
Ser	Ser	Asn	Leu	Tyr	Tyr	Lys	Tyr	Leu	Asn	Asp	Leu	Ile	His	Ser	Val	
		500						505					510			
Arg	Gly	Asp	Glu	Phe	Leu	Gly	Gly	Asn	Val	Ser	Pro	Thr	Ala	Pro	Gly	
		515					520					525				
Ser	Val	Gly	Pro	Pro	Asp	Glu	Ser	His	Pro	Gly	Ser	Ser	Asp	Ser	Ser	
	530					535					540					
Ala	Ser	Gln	Ser	Ser	Val	Lys	Lys	Ala	Ser	Ile	Lys	Ile	Leu	Lys	Asn	
545					550					555					560	
Phe	Asp	Glu	Ala	Ile	Ile	Val	Asp	Ala	Ala	Ser	Leu	Asp	Pro	Glu	Ser	
				565					570					575		
Leu	Tyr	Gln	Arg	Thr	Tyr	Ala	Gly	Lys	Met	Thr	Phe	Gly	Arg	Val	Ser	
			580					585					590			
Asp	Leu	Gly	Gln	Phe	Ile	Arg	Glu	Ser	Glu	Pro	Glu	Pro	Asp	Val	Arg	
		595					600					605				
Lys	Ser	Lys	Gly	Ser	Met	Phe	Ser	Gln	Ala	Met	Lys	Lys	Trp	Val	Gln	
	610					615					620					
Gly	Asn	Thr	Asp	Glu	Ala	Gln	Glu	Glu	Leu	Ala	Trp	Lys	Ile	Ala	Lys	
625					630					635					640	
Met	Ile	Val	Ser	Asp	Val	Met	Gln	Gln	Ala	Gln	Tyr	Asp	Gln	Pro	Leu	
				645					650					655		
Glu	Lys	Ser	Thr	Lys	Leu											
			660													

<210> 5
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide Primer

<400> 5
 tctcaatcat gtgcattgag g 21

<210> 6
 <211> 43
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide Primer

<400> 6
 agcggataac aatttcacac agggatcaca cagccatcag cag 43

<210> 7
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide Primer

<400> 7
 agcggataac aatttcacac agg 23

<210> 8
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide Primer

<400> 8
 ctggcgccca cgtggtcaa 19

<210> 9
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide Primer

<400> 9
 tcccaaagtg ctggaattac 20

<210> 10
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide Primer

<400> 10
 gtccaatata tgcaaacagt t 21

<210> 11
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide Primer

<400> 11
 cccacagcag ttaatccttc

20

<210> 12
 <211> 43
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide Primer

<400> 12
 agcggataac aatttcacac agggagctag cttggaagat tgc

43

<210> 13
 <211> 162025
 <212> DNA
 <213> Homo Sapien

<220>
 <221> allele
 <222> 83587
 <223> Nucleotide sequence of Chromosome 17 with genomic
 sequence of the allelic variant AKAP10-6

<400> 13
 gaattcctat ttcaaaagaa acaaatgggc caagtatggt ggctcatacc tgtaatccca 60
 gcactttggg aggccgaggt gagtgggtca cttgaggtca ggagttccag gccagtctgg 120
 ccaacatggt gaaacactgt ctctactaaa aatacaaaaa ttagccgggc gtggtggcgg 180
 gcacctgtaa tcccagctac tcaggaggct gaggcaggag aattgcttga acctgggaga 240
 tggaggttgc agtgagccga gatcgcgcca ctgctctcca gcctgggtgg cagagtgaga 300
 ctctgtctca aaaagaaaca aagaaataaa tgaaacaatt ttgttcacat atatttcaca 360
 aatttgaaat gttaaaggta ttatgggtcac tgatatcctg tttcattctt tatataatca 420
 ttaagtttga aatgtatact tgcactacta acacagtagt taatccttagt cctacaagtt 480
 actgctttta cacaatatat tttcgtaata tgtatgcact ggtgtttatg tacgtgttta 540
 tgtttatatc tgttaaaatt agcagtttcc atctttttct attttgtacc atcacatcag 600
 ttcagaagga ttgacagagc aaaatgattt gatgaagtat aaaagtcaca tgggtgagtgg 660
 cataaataca actctgaaca attaggaggc tcactattga ctggaactaa actgcaagcc 720
 agaaagacac atatcctata tgtcaagaga tgtaccaccc aggcagttaa agaaggggaag 780
 tacacataga aagcacatg gtgaataatt aaaaaattgg aatttatcag acactggatt 840
 catttgctcc taaagtcaga gtcctctatt gtttttttgt ttttgtgggt ttctttttta 900
 atttttttat tttttgtaga gtcggagtct cactgtgtta cccgggctgg tctagaactc 960
 ctggcctcaa acaaacctcc tgcctcagct tcccaaagca ttgggattac agacatgagc 1020
 cactgagccc agcccagacg ctttagcatt tatgaagctt ctgaaatagt tgtagaaacc 1080
 gcataagctt tccatgtcac tttcaaagtt tgatgggtctc tttagtaaac caaccaagtt 1140
 attcctcaag ggcaaaataa catttctcag tgcaaaactg atgcacttca ttaccaaaaag 1200
 gaaaagacca caactataga ggcgtcattg aaagctgcac tcttcagagg ccaaaaaaaa 1260
 aggtacaaac acatactaat ggaacattct ttagaagagc cccaaagtta atgataaaca 1320
 ttttcatcaa agagaaaaga gaacaagggtg ttagcaaatt cctctatcaa ataacactaa 1380
 acatcaagga acatcaatgg catgccatgt ggaagaggaa gtgctagctc atgtacaaac 1440
 cagtagataa tttcaacttg ctgccgaatg aaacctcttt gcaagggtatg aatcagcact 1500
 tctcatgttt gttttgcttt gttttgtttt gtttttagag acaggccctt gctctgtcac 1560
 acaggctgga gtgcagtggc acgatcagag ctactgcaa cctgaaactc ctgggctcaa 1620
 gggatcctcc tgccttagcc tcccaagtag ctgggactac aggcccacca tgcccagcta 1680
 attttttaaa ttttctatag agatgggatc tcactagcac ctttcatgtt tgatgttcat 1740
 atacaacgac caaggtacaa tgtggaaaag ggtctcaggg atctaaagtg aaggaggacc 1800
 agaaagaaaa ggggttgcta catagagtag aagaagttgc acttcatgcc agtctacaac 1860

actgctgttt	tectcagagc	agagttgatg	atctaaatca	ggggtcccca	acccccagtt	1920
catagcctgt	taggaaccgg	gccacacagc	aggaggtgag	caataggcaa	gcgagcatta	1980
ccacctgggc	ttcacctccc	gtcagatcag	tgatgtcatt	agattctcat	aggaccatga	2040
accctattgt	gaactgagca	tgcaagggat	gtaggttttc	cgctctttat	gagactctaa	2100
tgccggaaga	tctgtcactg	tcttccatca	ccctgagatg	ggaacatcta	gttgcaggaa	2160
aacaacctca	gggctcccat	tgattctata	ttacagttag	ttgtatcatt	atttcattct	2220
atattacaat	gtaataataa	tagaaaataa	ggcacaatag	gccaggcgtg	gtggctcaca	2280
cctgtaatcc	cagcacttcg	ggaggccaag	gcaggcggat	cacgaggcca	ggagatcgag	2340
accatcctgg	ctaaaacggg	gaaaccccg	ctactaaaaa	ttcaaaaaaa	aattagccgg	2400
gtgtgggtgg	gggcacctgt	agtcccagct	actcgagagg	ctgaggcagg	agaatgggtg	2460
gaacctggga	ggcagagctt	gaggtaagcc	gagatcacgc	cactgcactc	cagcctgggc	2520
gacagagcga	tactctgtct	caaaaaaaaa	aaaaaaaaaa	aaagaaataa	agtgaacaat	2580
aatgtaatg	tggctgaatc	attccaaaac	aatcccccca	ccccagttca	cggaaaaaatt	2640
ctcccacaaa	accagtcctt	ggtgccaaaa	agggtgggga	ccgctaattc	aaataatcta	2700
atcttcatte	aatgctaaaa	aatgaataaa	ctttttttta	aatacacggg	ctcactttgt	2760
tgcccaggct	ggagtacggg	ggcatgatca	cagctcactg	tagcctcaat	caccaggcc	2820
ccagcgatcc	tcccacctaa	acttcctgag	tagctgggac	tacaggcacg	caccaccatg	2880
cccagctaatt	ttttaaattt	tttatagaga	tgggggtctc	accatggtgc	ccagactggg	2940
ctcaaaccct	gggctcaagt	gatcctccct	caaactcctg	gactcaagtg	atcctccttc	3000
cttggcctcc	caaagtgtcg	ggattacaag	catgagccac	tgtaccagc	tggataaaca	3060
ttttaagtcg	cactacagtc	atggacaatc	aggcttttca	acatgcagta	tggacagtga	3120
gtcccagggt	ctgcttttcc	atactgaaat	acatgtgata	ctaaggagaa	agggtgctgc	3180
aaggatatatt	aaaatgaaga	atatttataa	tgaggaaaaa	actgtttctt	catgactttg	3240
ataaggctga	taaagaccat	ttctgtgatc	tcagggtgatt	cactcaagta	gtatatattca	3300
gtaatcatta	tctggaacag	cctgaatctt	aaccaaataa	ccatgatttt	ttaatgctgt	3360
tatgatacct	tgatgatatg	accaaactgc	aatgtaggca	gctaaatctc	cacgagtttg	3420
acttccccga	gagttgacag	ttttcttcac	aaattaaaga	aatatatatt	ttgatacatg	3480
attggcatat	ttaaaaacta	cactgaaatg	ctgcaaaatg	atataaagaa	acattttcca	3540
gaatcaaata	caatcaaaga	gtggattagg	aatctactca	ccattatcaa	ctaaatagaa	3600
acacttggac	tgggtgtggg	ggctcacatc	tgtaatctca	gcactttggg	aggccaaggc	3660
agggtggattg	cttgaggcca	ggagctcaag	accagcctga	gcaacatagc	aaaactctgt	3720
ctctacaaaa	aaaaaaaaaa	attaaccagg	catggtggca	gatgcttgta	atcccagcta	3780
ctctggaagc	tgaagtagga	ggactgcttg	agcccaggag	atcaagactg	cagtgagccg	3840
tgggtcatgct	gcgccacagc	ctgagtgaac	gagagagacc	ctgtctcaaa	aacaaaaaca	3900
aacaaaaaac	acttaacctt	cctgtttttt	gctgttggtg	ttgttggttg	tttgttttga	3960
gatggagtct	cactctgttg	cccaggctgg	agtgcagtgg	cgtgatcttg	gctcactgca	4020
agctctgcct	cccgggttca	cgccattctc	ctgcctcagc	ctcccagagta	gctgggacta	4080
taggcgcccc	ccaccacgcc	cggctacttt	tttgcatttt	tagtagagat	gggggtttcac	4140
cgtgttagcc	aggatgggtc	tgatctcctg	acctcgtgat	ccacctgcct	cggcctccca	4200
aagtgtctggg	attacaggca	tgagccaccg	caccgcggca	acctttctgt	tttttagttt	4260
gatatgcttg	ttactcagc	agctgaaaga	atgctgaaag	tggccttcag	taaaaaaatt	4320
tcactagaat	ctctacatcc	atatttaatc	tgaatgcata	tccagattga	tcagttagag	4380
caaaaacact	catcatcatt	cctgatgacc	tctaattctg	gtttcggctt	tctatttcaa	4440
tggaaacaga	ataaggaaag	aatgggaagg	gctctggaaa	tttgtcctgg	gctatagata	4500
ctatcaaaga	tcaccaacaa	taagatctct	cctataaata	taaaacaagt	ataattaatt	4560
ttttaattat	ttttttctct	tcagaggatt	ttatttcaag	ataaaacata	acttctacce	4620
atactattga	ttccaaagg	tagaaaaagt	gtttttcctc	atcttatcct	tcaaagaggt	4680
cacagcaatg	caaacatcta	taaaatgcct	ctgcataatt	gtcagaagct	atagtccaga	4740
aatcattgaa	aatgcttttc	catttttaagc	ttagggtgagg	tgtcttagga	aacctctatg	4800
acaacttact	ctatttattg	ggaggtaaac	tcccagactc	tcccagggtc	tcctgtattg	4860
atctcatttt	ttaggcttcc	taatcccttg	aagcacaatc	gaaaaagccc	tggatctctt	4920
ttctgcacat	atcatcgcg	aattcattcg	gcttccagca	agctgacact	ccatgatata	4980
agcggcctcg	cccttctccg	gacgccagtc	cttgctgcgg	ttagctagga	tgaggggttt	5040
gctgggcttc	agtgcaggct	tctgcgggtt	cccaagccgc	accagggtgg	ctcacaggct	5100
ggatgtcacc	attgcacact	gagctcctgg	caggctgtac	caatttttta	attatttaatt	5160
atttatattt	aaaattatgg	tgaatatatt	ggtattctgc	tctaaaatag	gcccataaat	5220
gcacagcaga	tatctcttgg	aaccacacag	tttccactgg	aagaactaag	tatttttctt	5280
ttaaagatgc	tactaagtct	ctgaaaagtc	cagatcctct	acctctttcc	atcccaaact	5340
aagacttggg	atttatgaga	gatctagcta	acagaaatcc	cagacacatc	attgggttctt	5400
cccagagtgc	agtcctccta	aagaggctca	gcctaagca	ggcccttgca	ccaggagggt	5460
gggtctgaga	cccacatagc	acttcccaag	gtgcatgctc	cagagaggca	ctgaaacagc	5520
tgagcacaag	cctgcaagcc	tggagaactc	tcacagttag	aacggagggg	gcccagtggg	5580
actaacataa	agagaaaagg	gaacacagag	aatggatgg	caccaacaac	cagcaaagcc	5640
ttcatggcca	atgaaagcat	cagtgcgggg	gccagaaccc	tcatcccaa	agactcttca	5700
ctgcctttag	tgaaaaacaa	tggctagaga	gtgaagtatt	gatcatgtat	agagaggtaa	5760

agttacattt	ttatatattctg	actctgctaa	tgtgaaattc	cctatctgct	agactaaaag	5820
tttcagacac	cctgttcaaa	tatcccatta	gttgctagag	acttaaaatg	aacagaacgc	5880
acattgtcag	gatgactatt	acaaaaaat	caaaagacag	caagtattgg	tgaggatgta	5940
gagaaactgg	aacttttgtg	cactgtttat	gagaatgtaa	aatggagcag	ctgctgtgga	6000
aaagagtatg	caggttcctc	aaagagtaaa	accaagatgt	ggaaacaact	aaatgcccat	6060
cagtggatga	aggggtagac	aatatgtggt	atatacatac	catggagtac	tattcagcct	6120
ctaaaaaaa	aaaaggaaat	tctataacat	gcaacagcat	ggatgaatct	tgaggacatt	6180
ttgctaata	aataaggcag	tcatagaaag	acaaatactg	cacgactcca	cttatatgag	6240
ataccaaaa	tagacaaatt	catagaatca	aagagtacaa	tggaggttac	ctggagctgc	6300
agggcgggaa	acgaggagtt	actaatcaac	gaacataacg	ttgcagttaa	gtaagatgaa	6360
taagctctca	agatcagctg	tacaacactg	tacctagagt	caacaataat	gtattgtaca	6420
cttaaaaaat	tgtaagggtt	agattaacaa	atgtagtaga	tccacaaatg	tggttaagtg	6480
ttcttaccac	agtaaaataa	aaaaagaata	tcaagcccag	gagttcgaga	ctagcctggg	6540
taacatggtg	aaaccctgtc	tctacagaaa	atacaaaaat	tagccagctg	tggagggtgca	6600
ctcctaggga	ggctgaggtg	ggaggccttg	ttgagcccag	gaggtcaagg	ctgcagttag	6660
ccatgattgc	accactgtac	tccagcccag	atgacagagc	aagacaccac	cccccccaa	6720
aaaagaaaa	gaatatcaaa	catttttaaaa	gatcagatac	gcaagaacaa	caacaaaaaa	6780
gagatgaaca	gagcatcgac	cctcatctag	tgggatttct	ggtctaactg	aaaaacagac	6840
attgagagac	aaacaatgac	agtgatgtga	tcacagcaat	tacacaggta	tcccctgggg	6900
actgcagaag	aaaggaggaa	tgcctaactt	tcagaaaata	gagaaagcgt	caaacagttg	6960
gtgaaagcct	tccaaaacta	gagagaactg	cacacaccaa	atcacagaaa	gaagaaaagc	7020
cgtgggagat	tctgggaccc	accggctatt	tttgatggct	gaacaccctg	ctgcaggaga	7080
gacaggagct	ggaaagcatg	gtgggatgaa	acctcaaaca	gctttgcctg	cattgcttaa	7140
gatgactggg	cttgattaac	tctagtcaat	ggggacaatt	caatcaaaga	agaaagatgc	7200
tcaaattcac	attttagaat	gattttttat	ggcagtatgg	ggaatagatt	aaaagagagt	7260
gaagctggag	gcaagaaact	tgtaagagg	caactgaaac	agtctagatg	ataaataata	7320
aactgacaga	gtgactagaa	aaatcagaac	aggctgaatc	aacagatacc	tagatgaaaa	7380
taacaggact	tgatcaccag	ttgtatcttg	gagaggaagg	agttgtttcc	ttgctttccc	7440
tacgactggg	aatacgggag	gtttgcccgt	tgtattgggt	atatactgg	gtgtagccaa	7500
tactgacaa	ccatttagca	gcttaaaaaca	caaaggctta	tctcccagtt	tctgtgggcc	7560
aggaatctaa	gataggctta	gctggctggt	tctggctcag	agtttctcaa	gaggttgcaa	7620
tcaagatgtc	agctgggggt	gcatcatctg	aaggctcaac	tggggccgga	gggtccactt	7680
ccaaggagtt	cactcacctg	cctgacaagg	cagtgtctgt	tgttggcagg	agatctcaat	7740
tcattgccaa	gtgagcctct	ctatagcatt	gctggaacat	cctccccatc	tggcagttgg	7800
cttctctcag	catgagtgat	ctgagagaga	gagcaaggag	gaagccacag	tgttcttcct	7860
actcctactc	ctaacactat	ggacctaact	ctaacactct	cacttctgcc	ttattccatt	7920
agttagaaag	ggaactaagc	tccacctctt	gaaataagaa	gtgtcaaaga	atltgtggat	7980
atatttaaaa	atcatcacac	tgtggaagtg	gatagggggt	tcaattaatg	ctgaacttga	8040
aatgcctgag	acattcaa	gtccaacagg	caatgaacat	acccatagat	ggtcatgact	8100
ttagcaagaa	tagaggaaga	tcacagaatt	aaggaggaat	tgaaaggtaa	aagaagtgga	8160
gtcagattcc	ccctgaaaag	tgagccatga	aaggaaactt	aactatttag	ttagagggtca	8220
gagtaggaaa	tttcgggtgga	attctttttt	aaagaaagga	accatataag	catgttttga	8280
ggtagaggga	gaataaatca	gtagacaggg	agaggtaaaa	aacataaatg	ataggggata	8340
gttgacaaag	gtcttggcag	aatcccttac	ccattgactt	ggggccaaga	gagggacact	8400
tctttgtttg	agggataaagg	aaaataagaa	agaatgggtg	ctatttagtg	tggctctgtc	8460
tctagggcaa	acgcataaggt	aacaaactgt	gtgtgttagg	aatatagatg	tgacctcaca	8520
ttgagattct	cacctcaa	ccatttttgt	gttacctgta	ccttccctacc	ttctcttttt	8580
gctacatgca	gactgctgtt	ttgtcttctc	ggcctgttcc	aggtttcagc	attctggcat	8640
atctgctacc	ctgttcccaa	acctctctag	agtccatgct	ccttcccttg	atagtgtttg	8700
attggggccac	gtatctaaga	agtgatgcct	tcagttaggc	ctgagaacct	cctctatgga	8760
aatctccatc	agtgacctg	acagacttgg	tatcttggag	atgtcactgc	tcccagcctg	8820
tggtctagga	gaatctcagc	ctgggcctct	agtagtatgg	ataaggcgtt	aaggatctt	8880
tgaaccagag	tctgtcatat	tctcaatgt	gggacagata	aaacagtggg	agtgtgtgtg	8940
tttctgagct	agaactctgg	tttttggtct	agattctttg	atgtatgacc	tttcagaggt	9000
attaaaattt	gttctaatac	aatgttcaat	acaaatgtag	ttccttttct	gttaggacct	9060
caacaaaaca	tgaccaactg	tagatgaaca	ttaaactatg	acaattcatg	gaaatgaata	9120
cagtaatacc	tgcgggtccc	ccatttttagc	agtcactatg	gtgacatttg	gcacaaatgg	9180
ctatttaagg	gtgcttttgt	taaaacctac	catcttacta	ggcacatgat	attgaaacta	9240
atgaaataat	ggagaaactt	cttaaaaact	tttaatgaat	aaagtgatga	agtgataata	9300
ttttagctgc	tatttataaa	gtgactatta	caggtcaa	attcttctag	ggtttttttg	9360
ttgaagtgtg	cacattta	ccttaataac	ccactatgag	tcaggtattc	ttctctcccc	9420
tttggaacagt	tggggaaatg	ggggtcagag	agggttaggt	atttgctcag	ggccacacaa	9480
cctgcatgta	gaaaatctga	gatttgtaca	ggaacgtatc	aaactctgaa	gtccatgctt	9540
ctattttccc	atgctgcctt	tctaataaaa	ggttaactaat	gctactggat	gctgccccca	9600
aagtgagtca	ctttcacccc	accctacttg	attttctcca	taaaactaat	cacatcctga	9660

caacttattt	attgctgac	tccccacta	gattataaac	tcaataaaaag	caagatcctt	9720
gtctgctgaa	tatcagtacc	taaaacgctg	tctagcacag	agcaagtaat	taatatttgt	9780
tgaatgaaca	aataaaggaa	aaaaattcaa	aggaagaaaa	agccctaaaa	cagatgttta	9840
cctaaacata	catttttaaaa	gaaagcatat	aacaaattca	ggacagaatt	taaatttgat	9900
tttttaaaaga	aataaccaag	tgctagctgg	gcacagtggc	tcacacctgt	aatcctagca	9960
ctctgggagg	ccgaggcagg	cagatcactt	gaggtcaaga	gttcaagacc	agcctggcca	10020
acatggtgaa	acctgtctct	actaaaaata	cagaaattat	ccaggcatgg	tggcagggtcc	10080
ctgtaacccc	agctactcag	gaggctgagt	caggagaatt	gcttgaaccc	aggaggcaga	10140
ggttgcagtg	ggccaagatt	gcaccactgc	actccagcct	gagtaacaaa	gcaagactct	10200
gtctgaagga	gaaggaaaga	aagaaggaaa	gaaggaaaga	aggaaagaag	gaaagaagga	10260
aagaaagaaa	gaaagaaaga	aagaaagaaa	gaaagaaaga	aagaaagaaa	gaaagaaaga	10320
aagaaagaaa	aagaaagaaa	gaaagaaaga	accaagtgtc	tattttgggac	ctactatgct	10380
atgtttttcc	atgcacgcta	ttttcagtaa	agcagttagc	aaacttgcaa	gatcataaca	10440
acaaatatat	gcttctataa	ctctaaaatt	gtgctttaag	aagttcctct	ttaccagctc	10500
atgtatgcat	tagttttcta	agagttacta	gtaacttttt	ccctggagaa	tatccacagc	10560
cagtttattt	aaccaaaagga	ggatgcttac	taacatgaag	ttatcaaagt	tgagcctaag	10620
ttggggccagt	tcatgttaat	atactccaga	acaaaaacca	tcctactgtc	ctctgacaat	10680
tttacctgaa	aattcatttt	ccacattacc	aaggagccag	ggtaggagaa	tatagaaaga	10740
ccaccaaga	atccttactt	ctttcagcaa	aatcaattca	aagtaggtta	ctaaacacat	10800
gccctaacia	tgaatagcag	attgtgctca	gaagaatgat	ctacaacatc	ttactgtgaa	10860
ggaactactg	aaatattcca	ataagacttc	tctccaaaat	gatttttattg	aatttgcatt	10920
ttaaaaaata	ttttaagcct	aaatttttaa	aggttttgata	ttgggtacatg	aatagacaaa	10980
cagacatgga	ctagaccaag	aattaggttc	aaacatatac	aggaatttaa	tatacgataa	11040
atctagtatt	ccaaaggaac	caacaaatgg	tgttcagaca	gcaggatagg	catcaggaaa	11100
aacacagttg	ggcaccctac	cttactccta	acaccaggag	taactgaagg	agcaccacat	11160
atttattttat	tttaattata	gttttaagtt	ctaggggtacg	tgtgcacaaac	atgcagggttt	11220
attacatagg	tatacatgtg	ccatgttggt	gaggagcacc	aaatatattta	aagaaaaaaa	11280
ttggccagg	gcgggtggctc	acacctgtaa	tcccagcact	ttggggaggcc	aagggtgggca	11340
gatcacctga	ggtcggggagt	tcgagaccag	cctgagcaac	atggagaaac	cccatctcta	11400
ctaaaaatac	aaaattagcc	aggcatgggtg	gcacatgcct	gtaatcccag	ctacttggga	11460
ggctgaggca	ggagaatagc	tttaatctgg	gaggcacagg	ttgcgggtgag	ctgagatatt	11520
gcactccagc	ctgggcaaca	agagcaaaaac	ttcaactcaa	aaaaattaat	aaataaataa	11580
aaataaagaa	agaaaagaaa	aaaatgaaaa	tagtataatt	agcagaagaa	aacaccgtag	11640
aatcctcgga	ctcttaggat	ggggaatgcc	tataatataa	aaaccctgaa	gttataaaaag	11700
agaaaatcac	ctacatacaa	accaaactctt	tctacatgcc	taaaacatag	cacaaacaca	11760
gctaaataat	catagctgaa	tgaactggga	aaacaaaact	tgactcatat	ccagacagag	11820
tttaattttcc	tacacataaa	gagtacctat	ataaacccaa	caaaaaaacc	accactaacc	11880
caaaataaaa	atgtgacagg	taatgaacag	gtagttcaca	gagaatacaa	atggctcttc	11940
ggcacataag	atgctcagac	tgactttttac	ttattttattt	tttgagagac	agggtctcac	12000
gatgttgccc	aggttaggct	caaactcctg	ggctcaaagt	atagtaccag	gactacagg	12060
gtgccccacc	gcacctggct	cctcaaccac	ctgtattaac	aggaaatgca	aaataaaaact	12120
ttcaaatcta	ttttacctat	tagaatggca	aaaatttgaa	aaacttcaaa	catcatcatg	12180
ttgggtgagaa	tgtgaggaga	ctggcactct	catttttttgc	tgatagcata	tatatactga	12240
tggcttctat	ggaaagcaat	ctggcagcgt	ctatcaaagt	tacaagtgca	tatatecttt	12300
gacaaagcaa	ttccactcta	ggaatgtgtt	ctatatgggt	gtgcttcctg	gggctgggaa	12360
ctgggagcta	agggacagg	gcagaagata	atcttctttt	ccctccttcc	ccgttaaaca	12420
tgttgaaattt	tataactgt	aatatatatt	ttttcacaaa	agataaatttt	taagcgatat	12480
gtctgggaat	tttttttttt	cttttctgag	acagggtctc	actctgtcat	ccaggctgga	12540
atgccatggt	atgatctcag	ctgactgcag	cctcgacctc	ctgggttcaa	gcaatcctcc	12600
cacctcagcc	tcctgagtag	ctgggactac	aggcacgtgc	catcatgcta	atttttgtat	12660
atacagggtc	tcactatggt	gccaggcta	atgtcaaact	cctaggctca	agcaatccac	12720
ccacctcagg	ctccaaagt	ctgggattac	aggcgtgagc	caccgcgcct	ggccctggga	12780
attcttacia	aagaaaaaat	atctactctc	cccttctatt	aaagtcaaaa	cagagaagga	12840
aattcaacct	ataatgaaag	tagagaagg	cctcaaccct	gagcaacaaa	cacaaaggct	12900
atttctgaga	caggaaatttg	ctgaacaaaa	tcgagggaag	atgacaagaa	tcaagactca	12960
cttctcggt	gggcgcagtg	gctcacacct	gtaatcccag	cactttggga	ggccgaggcg	13020
gacagatcac	gaggtcagga	gattgagacc	atactggcta	acacagtga	accagtctc	13080
tactaaaaat	acaaaaaatt	agccgggcgt	gggtggcagg	gcctgtagtc	ccagctactt	13140
gggaagctga	ggcaggagaa	tggcgtgaac	ccaggaagcg	gagcttgtag	tgagccgaga	13200
tcacgccact	gcactccagc	ctgggtgaca	gagcaagact	ctgtctcaaa	aaaaaaaaaa	13260
aagactcatt	tctctagatc	ttgagccgta	ttcaaattta	tctcagctta	gtgagagggt	13320
aaagcaagga	atatecttcc	ctgtgggccc	tgctccttac	tgaaggaagg	taacggatga	13380
gtcaaggaca	ccaatggaga	aaagcactaa	caccattatc	tgatgaacat	tacgtgaaga	13440
agggtgaaga	gtgaagtgga	attgctgaag	aagtcagtga	aagcggacat	tcatttgggg	13500
aaatggaata	taggaaatcc	ataaaaagtga	ttaaaaagat	gttagaggct	gaggcggggg	13560

gaccacaggg	tcaggagatc	gagaccatcc	tggttaaacac	ggtgaaaccc	catctctact	13620
aaaaatacaa	aaaattagcc	aggcgtggtg	gcaggcacct	gtagtcccaa	ctactcgga	13680
gactgaggca	ggagaatggc	atgaacctgg	gagacggagc	ttgcagtga	ccgagatcac	13740
gccactgcac	tccagcctgg	gtgacagagt	gagactccat	ctcaaaaaaa	aaagttagat	13800
acgagagata	aagatccaac	agacacacaa	ctgctaattc	tgaacagAAC	aaaacaaatg	13860
gcacaggaaa	agaaaattta	agatataaca	ccggaaaact	ttcctgaaat	tgagtaactg	13920
aatctatagc	ttgaaagggt	ttagcatatg	ccaagaaaaa	tcagttagagt	ccaaccagca	13980
caagacacat	ctagcaaggc	tggtgattct	accaacacag	agaaagaagt	gggtgacca	14040
taatgcggaa	aaaggcagac	catctgcagt	cttctccaga	acactggagt	ctgaagacaa	14100
aagaatgctg	cctactgagc	cagaaggag	agaaagtga	ccaacacatc	tttaccaagt	14160
tagaatgtca	cgcattatct	aaaggctgca	aaagccatga	aagacatgaa	agaacacaag	14220
catttacaac	atgaaagaac	acaagcattc	tcatactcaa	gaatccttaa	gaaaaatgta	14280
gtcctaatac	agcccactga	aagttaaagt	tacttaagt	gctcattaat	gggaacttca	14340
tagcttcaaa	tcagtctggt	cccactctac	aacatctctc	gcccggcttt	cctgcaatag	14400
tcagcacctt	tccctcctcc	cagtcttgct	ccctggagtc	tgctctcagc	atagcagagt	14460
gaccacatca	acacccaagt	cagagccctc	cagtgcgcac	tggtctacaa	agcccttccc	14520
acccccacc	ccacgtgccc	tccggatcct	tgtgacgtgt	ctcctgcata	ccctagcagc	14580
cctggcctcc	tcaactgccc	tccgtgacat	caggaaaggcg	actccttgag	tcttggtctc	14640
ggccgcctcc	tccacctgca	gtgagttaac	tcccttacct	actctaggtc	attgctcaaa	14700
tgtagcatc	tcaatggggc	cctccctgac	tacctatctt	aaattctaca	tactcccctt	14760
gaccccatgg	acctcactca	ccctattcca	cttttattct	tacaatttag	cacttggtct	14820
cttctaactg	attctaagac	ttactcattt	attacattgt	ttgccacccc	ctctagtaca	14880
taaactccag	aggggcaggg	atttctgtct	atttattcat	ttctttatcc	ctaggacata	14940
gaacagggca	tagttcagag	tattcaatgt	tatcaatgaa	tgaactagca	gtagtaccag	15000
ttccagttag	gcacagaatt	aatctaaat	agaattaaat	ctcatggtct	gggttaacta	15060
tggatagaaa	attagatata	attttaagaa	gcctagaaa	aaaaaattaa	taatgtaaaa	15120
ataatattaa	tttgataata	ataacaaaaa	ctctgccagg	cactgtggct	caaactctgca	15180
atcccagcta	ctcaggaggc	tgagggtgaa	ggatcacttg	agaccagagt	tcaagactca	15240
gcctaggcaa	cacggcaaga	aactgtctct	aaaaaaatta	aaacttaaat	ttttaaaaaa	15300
gaattctcaa	agcgtcacaa	aaactggaga	ttaagggtaca	ggaagtgtga	agtaatatata	15360
ctatgctaata	ggtttttttt	tttttttagaa	aggtataacc	aaaagatttc	tttctcaagt	15420
cgataaactg	agaaagataa	gcatactctc	caattaacag	agggggaggga	aaagccagat	15480
acaacaaaat	aagatataaa	ttagtttcca	gttgaaaaca	agagtaggag	ttatttttga	15540
tcacctcacc	tgtgacctcc	cccagcccaa	aaaacactac	tgataaacag	ggtagaaaag	15600
catcatctca	gataaagcag	gaaaaactgc	cacagtctca	aaccacaaac	tataagcaca	15660
cacctggcca	accctgcca	gtctgggctc	agtaggagga	acgtgctgag	agctaggatg	15720
taccaactta	gacattctgt	gggatacaga	tgtccctgga	agggtcacac	catctcaaag	15780
gcacctgtaa	tgcccactga	ttacagccac	catatgtgag	agagaaactc	agggcactta	15840
gagagtataa	caagaacctt	atgtcatctg	agatgaggaa	tcctcagccc	tgcaaattaa	15900
ccaactcttt	agaacaactg	gcaaaacata	aatatccaca	acttttggtt	cagtaattcc	15960
actcttagat	atcaatccaa	agtacatgag	acagcagata	cacacacaaa	atgggtattta	16020
ctgcagcatt	gtttataata	gcaaaaaaca	agaaataatc	catatgtctc	aataggatac	16080
tgggtacatg	agggatgtga	cccactcttc	aacctcaaaa	aagagtgata	tggatgtcca	16140
cagatggaca	taaaaagctg	tgtgttacgt	gaaaaacaa	tcaagcagca	gcaggatggg	16200
cttatgatag	tcagtatgag	ctaatttctg	gaaaaaaaaa	tctagtgtgt	gcacagaaaa	16260
catctgaaag	aacagaaaca	aaactatcag	cagaatattg	agatgtttta	ctaagttgta	16320
tatctatact	gcttgtaatt	tttaccacca	gcaagaatta	cttttttgga	aaagaaaatt	16380
caggaaataa	agcatttctt	taaacttcat	gttttaacaa	atgggtgatg	aataaaaagag	16440
ttcttattca	tcataaacac	acacagcaca	catgcacgca	tgtgcgtgag	cacacccttt	16500
acttgataaa	taccatgttg	aatatttttag	tctttccttt	taggttctat	cccttcactc	16560
aaaatgcggt	tataaataaa	tgtacttttc	atgtgccttc	tgcttaaac	cactttaata	16620
taactttaca	gtcccattat	cattatagtc	tcaaagctag	actcagcctg	aaactaccct	16680
ttcatttgga	acccttatta	aaatgccaca	tacagctcct	tcaaataaaa	acaaacccta	16740
ggacctgaca	ctaggcttcc	tttggttgcta	ctcataatgg	ccaagtctctg	tgcttataat	16800
acatcttctt	tcaattttatt	gctacatata	caagggtttt	atatgttttt	cttattatat	16860
cttaattcaa	aacaccatca	cgctcttttc	cagatgaaaa	taaggaaaag	aaattgagca	16920
actgactgac	ttaaagggtca	taaaactata	tagtagcaga	gtcagcaaaa	gaagaaacac	16980
acatctccca	agtagaggct	gaaaaccagt	accattcacc	tccagggtga	gctatataca	17040
gattacaaag	tcaccttctc	taaatgttca	aactgaatcc	catacccata	ctttaccact	17100
acctcgtaag	aacagcctca	gatcttggtta	tagccttttt	tttagcatgc	tgaagccaat	17160
aaaatgcttc	ccattcagca	agagaaacaa	gttctgaaac	actgaataat	ctgcccaggg	17220
cctatgaaca	tttccactgt	gagaaatgtt	ctccactgtg	tgagagaagat	ccttactctt	17280
ctccacacag	gcagaacatt	agaaaaatct	ttggattcta	tgatgcacag	cttaggagtc	17340
tgtttagcac	aattttaagtc	caaatagtta	ttaaatactc	ctctgttcca	gaaacagtgc	17400
taaatactgt	gaatataaaa	attgaaaaga	tactctcctg	gctcccaaga	aagtcagcca	17460

gatagaggag	acacagggcac	acaaatcact	gtcacatgaa	gctctacctc	cctaacttca	17520
aacgagggcc	taagtcacca	agaatacagt	agcagttgtg	actacgagta	actactataa	17580
ttcaataactt	tatcttccct	tagaaaactc	ttctcccttg	gaaatttatt	tgcatttcta	17640
aataccattc	cttactaaaa	ggaagcaggg	ctccttgggg	aaatagctga	ttctaggtgt	17700
ggactatgaa	atgaaaatgg	tgagtctggg	acatcccattg	ttgcccagaa	atcaaggaac	17760
tgcccaaaga	ttaacagagt	catgtttaat	ggacctaaga	gtgaaccaga	aggagctcac	17820
tttgccccgc	gtggaacaat	ttcaagaaaa	acatgacagt	aatgaattat	aaaacatgaa	17880
ttaaaataca	tattggtact	aaaaagagaa	caaaaggatg	tggctttgga	taaagctctt	17940
cttcatggaa	gaataccagc	taataaatgt	aaaggaaatg	agagaattag	aaaaattatc	18000
atthttgtaaa	ccttaatatata	ttcacctaga	catgctaaaa	ccactgagta	aaaggctgct	18060
tgggaagagg	atgctcacat	gatctcagag	tttcacacca	cagataatth	attagataca	18120
ggaaggaaga	tgtgatcaag	cttctgtga	ccccagcca	ggccccacaa	cactatgtgc	18180
ctccttgtga	tgtgggagct	acacagcatc	gcccacacag	cttctcgcca	aaactgtttg	18240
aagctaataca	caagggaaga	actggacagc	ttctgaccat	gagacgctcc	accagacaac	18300
ttgcttggcc	tctccaaaga	aacttgcttg	gcctctccaa	agaaaactca	gtttcattta	18360
aaaacaaaac	taattattta	aaaacaaaacg	aaaagcaagt	tgtggacttg	agctccaggg	18420
acagagcaga	catacttttc	cctgttcttc	ccagtaagtg	gtaataaaaa	ccctcaacac	18480
tagatataaa	acaaatataa	gaagggttctg	gaagggggaag	aggaggcaga	ctatccaggt	18540
gccttgaggc	ccacagaaca	accagtgat	gggttccactg	ggtcttcttt	ttgcttcatt	18600
atctcagact	tggagctgaa	gcagcaggca	acttcaaaac	accaaggggc	acagattgaa	18660
aagccccaag	aaaagcctgc	cctctctagc	caaaggacca	ggaaggagac	agtctaataga	18720
gatggaacac	atthtagacag	taactgccc	tttaccagca	ataactgagc	agggagccta	18780
gacttccagt	cttgtgagga	cgtaccaagg	taccaaacac	ccccaccaag	gctgagtaag	18840
gactgcgact	tttatccctg	catggcagta	gtaaggagcc	catccctcac	ccgccagcag	18900
tgtcagggga	acctggactt	ccactcccac	ccaggagtga	tgaggccctc	cctgctgggg	18960
tcatgtcaga	ggaggcctag	tggagattca	gtgacttaac	ctttttccag	agataatgag	19020
gccacctttc	ctccctcttc	ccccatggtg	acagtgaag	cactgtggca	agcagtaggc	19080
actcctaccc	ctcctagcca	gggaggtatc	agggaggcca	agtaggggaa	cagaataccc	19140
acaaccaccc	agcagcaaca	gggttcccc	acccattgg	gtgtcaatgg	aagcagagcg	19200
gaaagcctgg	atatttaccc	ccatctagaa	gtaacaagct	gatgtcccc	ttcttctact	19260
acaatggtgt	tcaaaacagg	tttaataaag	gtctagagtc	tgataacgta	atacccaaat	19320
cgttgaagtt	ttcattgagg	atcatttata	ccaagagtca	ggaagatccc	aaactgaaag	19380
agagaaaaga	caattgacag	acactagcac	taagagagca	cagatattag	aactacctga	19440
aaggatgtta	aagcacatat	cataagcctc	aacaggctgg	gcgcggtggc	tcacgcctgt	19500
aaccccagca	ctttgggagg	ccgaggcagg	tggatcacia	gatcaggaga	tcgagaccat	19560
cctggctaac	acggtgaaac	cccgtctcta	ctaaaaatac	aaaaaaaaaat	agcaaggcat	19620
gggtggtgggc	acctgtagtc	ccagctactc	gggagcctga	ggcaggagaa	tggcatgaac	19680
ctgggaagag	gagcagtgag	ccgagatcgc	accaccgcac	tccagcctgg	gcaacagagc	19740
aagacttcgt	cccaaaaaaa	aaaaaaaaaa	aaaaaaaaagc	ctcaacaaac	aactacaaac	19800
gtgcttgaaa	caaatgaaaa	aaaaatcttg	gcaaagaaat	aaaagatata	tattttggcc	19860
aggtgcagtg	gctcacagcc	tgtaatccct	gcactttggg	aggctgaggc	aggcggatca	19920
cctgaggtca	ggagtthgag	accagcctga	ccaacatgga	gaaaccccgt	ctctactaaa	19980
aatacaaaat	tagccagtc	tgggtggcaca	tgcctgtaat	cctagctact	caggaggccg	20040
aggcaggaga	atcgcttgaa	ctcaggagggt	ggaggttgcg	gtgagccgag	atcccgccat	20100
tgcacattgc	actccagcct	gggcaacaag	agcaaaaactc	catctcaaaa	aaatagatac	20160
atattthta	ggaaattthta	gaattgaaaa	atacagtaac	caaattgaa	ggaaagacaa	20220
catagaatgg	aggggggcaga	caaaataatc	agtgaacttc	aacagaaaa	aatagaaatt	20280
acccaatatg	agaacagaa	agaaaataga	ctggccaaaa	aataaagaag	aaaaaagagg	20340
agcagcagga	ggaatgatgg	aaaaagagaa	aggaagggaag	gaagggaagg	agggaggga	20400
ggagtgaggg	agaaagtctc	aaagacctct	gagactaaaa	taaaagatct	aacacttgct	20460
atcagggctc	aggaaagaga	caaagatggc	acagctggaa	acgtattcaa	aaaataatag	20520
ctgaaaactt	cccaaatttg	gcaagagaca	taaacctata	gattcgaaat	gctgaacccc	20580
aaataaaaaag	cccaataaaa	tccacaccaa	aatacatcat	agtcaaaactt	ctgaaaagac	20640
gaaaagagaa	aacgtcttga	aagcagtgag	tgaacaacaa	cttcatgtat	aagggaaaaa	20700
caattcaagt	aacagatttc	ttacagaaat	taagggaagcc	agaagggaat	gacacaatgg	20760
ttttcaagt	ctgaaagaaa	agaagtgtca	acacaaaatt	ctagattcag	taaaaatata	20820
cttcaagaat	caatgggaaa	tcaagacagt	ctcagataaa	gcaaaaataag	agaatatggt	20880
gccagcagat	ctcccctaaa	ggaatggcaa	aagggaagatc	atgcaacaga	ccaaaaaatg	20940
atgaaagaag	gaatccagaa	acatcaagaa	gaaagaaata	acatagtaag	caaaaataca	21000
tgtaatata	ataaaatttc	tatctcctct	taagacttct	aaattatatt	gatggttgaa	21060
gcaaaaatta	taaccctgtc	tgaagtgtct	ctactaaatg	tatgcagaga	attataaatg	21120
gggaaagtat	aggtttctat	acctcattga	agtggtaaaa	tgacaacact	gtgaaaagtt	21180
acatacacac	acacacgtaa	gtatatataa	atatatgtgt	gtatatgtgt	gtgtatatat	21240
atatatacat	ataatgtaat	acagcaacca	ctaacaacac	tatacaaaaga	gataataacc	21300
aaaaacaatt	tagataaatt	gaaatggaat	tctaaaaaat	attcaaatat	tctacaggaa	21360

gacaagacaa	aaagagaaaa	aaagaggagg	acaaactaaa	ttttttaaaa	acataaataa	21420
aatggtagac	ttaagcccta	acttatcaat	aattacataa	atgtaaataa	tctaattata	21480
tcaattaaaa	gacagagata	gcagagttaa	tttaaaaaca	tagctataag	aaacctgctt	21540
tgggctgagt	gcagtgactc	acacttgtaa	tcccagcact	tgggagggcc	aaggcgggtg	21600
gatcacctga	ggtcaggagt	tccagaccag	cctggacaac	atggtaatac	cccatctcta	21660
ctaaaaatac	aaaaaaatta	gccaggcatg	gtggcacacg	cctgtagtcc	caactactca	21720
ggaggctgcg	acacaagaac	tgcttgaacc	cgggcagcag	aggtagcagt	gggccaagat	21780
tgcgccactc	cagcctgaac	gacagagtga	gactccacct	cagttgaaaa	acaaaaaaga	21840
aacctgcttt	aaatatacca	acatatgttg	gttgaaatta	aaagaataaa	atatatcatg	21900
aaaacattaa	tcaaaagaaa	ggagtggcta	tattaataac	ataaaataga	cttcagagaa	21960
aagaaaatth	caagagacag	gaataaaaagg	atcaagaaaa	gacctgaaa	gaaaagcagg	22020
caaatcaatc	attctgcttg	gagattcaac	accctctctt	aacaactgat	agaacaacta	22080
gacaaaaaaa	tcagcatgga	gttgagaaga	acttaacacc	actgaacaac	aggatctaata	22140
agacattttac	ggaacactct	acccaacaat	agcaaaaataa	acattctttt	caagtattca	22200
ctgaacatat	ccttagaccc	taccctgggc	cataaaaacaa	agctcactag	tgattgccga	22260
aggcttggat	ggacagtgga	agagctgcat	ggggaggggag	aagggtgacag	ttaaagagtg	22320
taggattttct	ttttgggata	atgaaaatgt	tccaaaattg	attgtgggtga	tggtggcgca	22380
actctacaaa	tataaaaaag	gccattgaaat	tgtacgtttt	aagtgggtga	aacatatggt	22440
atgtggatta	tatctaacgc	tttttaaaaa	cttaacacat	ttcaaagaat	agaagtcata	22500
cagagtgtgc	tctactggaa	tcaaactaga	aagaggtaac	tggaggataa	cgagaaaagc	22560
ctccaaatac	ttgaaaactg	gacagcacat	ttctaaaatc	atccgtgggt	caaagatatt	22620
cattttctgat	attcattttt	attgtttta	gtatttttaa	aaatttctta	agggaaataa	22680
actgactaaa	aatgaatatg	gctgggtgcg	gtggctcacg	cctgtgatcc	cagcactttg	22740
ggaggccgag	gctggtggat	cacaagatca	ggagttcgag	accagcctgg	ccaagatggt	22800
gaaaccccg	ctcaactaaa	aaactacaaa	aagtagccaa	gcgcagtggc	gggagcctgt	22860
ggtcccagct	acttgggagg	ctgaggtagg	agaatcgctt	gaacacaggc	agcagagggt	22920
gcagtgagcc	aagattgtgc	cactgcacgc	cagcctgggc	gacagagact	gcctcaaaaa	22980
aaaaaaaaaa	aaaaagaata	tcaaaatttg	tgggacatag	ttaaagcaat	gctgagaggg	23040
aaattttataa	cactaaatgt	ttacattaga	aaagagaaaa	agtttcaaat	caatagtctc	23100
cactcccatac	tcaagaacac	agaagatgaa	gagcaaaaata	aacccaaagc	aagcaaaaaga	23160
aagaaaatat	aaaaataaat	cagtaaaatt	gaaaacagaa	acacaataaa	gaaaatcagt	23220
gaaacaaagt	actgattctt	cgaaagatta	ataaaattga	caaacctcta	gcaaggctaa	23280
caaacaaaaa	agaaagaaga	cacggattac	cagttattag	aatgaaagca	taattagaaa	23340
caactctaca	cattataaat	ttgacaatgt	agatgaaatg	gactaattac	tgaaaaaaca	23400
caaattacca	caactcaccc	aatatgaaat	agataattgg	gatagcctga	taactactga	23460
gaaaattgaa	tttgtaattt	taacactctt	aaaacagaaa	cattaaactt	aatatatttat	23520
aaatattaga	taaggtaatt	atacccttcc	ttaacaaata	aaaacgacaa	attatttttg	23580
agctaaagag	atgtatgtac	tgtgaaaaat	atcttcagaa	aaatagaact	ttgtttgaag	23640
aataaggatt	taaaaaatgt	ttttaactct	caagaagcaa	atatctgggc	ccagatgggt	23700
tcactgaaga	attctacca	atgtttta	aagaattacc	accaactcta	catagcatct	23760
ttgagaaaac	tgaagagaag	ggaacatctc	ccagttcatt	ttatgaagtg	ggtgttactc	23820
tgatactaga	actgtataag	gacagctact	cttgacacac	tgcctatggg	tagctctgct	23880
ctgcagggaac	agtcagaaaa	aaaaaaaaaa	gaagcactgg	acaagggcag	tataaaaaaa	23940
gaaaactggg	ccaggtgcag	tggctcacac	ctgtaatctc	agcacttttg	gaggctgacg	24000
ctggtggatc	acctgagggtc	aggagtttga	gactagcctg	gccaacatgg	taaaaccctg	24060
tctctactaa	aatacaaaaa	ttagccaggc	agggtgggtg	ggaaaataaa	aaggaaaaaa	24120
aaacaaaaat	aaactgcaga	ccaatatcct	tcattgagat	agacacaaaa	ctccttaaac	24180
tccttaacaa	aatattagca	agtagaagca	atatataaaa	ataattatac	accatgatca	24240
agtgggactt	attccagaaa	cgcaagtctg	gttcaacatt	tgaaaacaag	gtaaccact	24300
atatgaacgt	actaaagagg	aaaactacat	aatcacatca	atcaatgcag	aaaaaagcat	24360
ttgccaaaat	ccaatatcca	ttcatgatac	tctaataaga	aaaataagaa	taaaggggaa	24420
attccttgac	ttgataaagc	ttacaaaaga	ctacaaaagc	ttacagctaa	cctatactta	24480
atggtgaaaa	actaaatgct	ttcccctacg	atcaggaaca	aagcaaggat	gttcactctc	24540
attgctctta	tttaacatag	ccctgaagtt	ctaacttgtg	caaaacgata	agaaagggaa	24600
atgaaagacc	tgcagattgg	caaagaagaa	ataaaaactgt	tctgttttgc	agatgacatg	24660
attgtctcat	agaaaatgta	aagcaactag	gggtaggggg	gcagtggaga	cacgctgggtc	24720
aaaggatacc	aaattttcagt	taggaggagt	aagtccaaga	tacctattgc	acaacatggt	24780
aactatactt	aatatatattg	attcctgaaa	atactaaaag	agtgggtgtt	aagcgttctc	24840
accacaaaaa	tgataactat	gtgaagta	gcatacgtta	attagcacia	cgtatattac	24900
tccaaaacat	catgttgtag	atgataaata	cacacaattt	tatctgtcag	tttaaaaaca	24960
catgatthtg	gccaggcaca	gtggctcata	cctgtaatcc	cagcatttta	ggaggctgag	25020
gcgagcagaa	aacttgagggt	cgggagthtg	agaccagaat	ggtcaacata	gtgaaatccc	25080
gtctccacta	ataatacaaa	aattagcagg	atgtgggtggc	gtgcacctgt	agaccagct	25140
acttgggagg	ctgaggcacg	agaattgctt	gaacaaggga	ggcagagggt	gcagtgagct	25200
gggtgccact	gcattccagc	ctggtgacag	agtgaagactc	catctcaaaa	aaaataaaat	25260

aaagcatgac	ttttctttaa	tgcaaagcag	ccaagcgcag	tggctcatgc	ctgtaatccc	25320
accactttgg	gaggccgagg	caggcagatc	acaaggtcag	gagtttgaga	ccagcctgac	25380
caacatggtg	aaaccccatc	tctactaaaa	aatatataaa	ttagccaggc	atgtgtagtc	25440
tcagctactc	aggaggctga	ggcaggagaa	tcacttgaac	ccggaggcag	aggttgcagt	25500
gttgagccac	cgcactccag	cctgggtgag	agaacgagac	tccgtctcaa	aaaaaaaaag	25560
caaaataacc	taatttttaa	aacactaaaa	ctactaagtg	aattcagtaa	gtcttttagga	25620
ttcaggatat	atgatgaaca	tacaaaaatc	aattgagctg	gacaaaggag	gattgtttta	25680
ggtcagtagt	ttgaggctgt	aatgcacaat	gattgtgcct	gtgaatagct	gctgtgctcc	25740
agcctgagca	gcataatgag	accacatctc	tatttataaa	aaaaaaaaatt	gtatctctat	25800
gtactagcaa	taagcacatg	ggtactaaaa	ttaaaaacat	aataaatact	gttttttaatt	25860
gcctgaaaaa	aatgaaatac	ttacatataa	atctaacaaa	atgtgcagga	cttgtgtgct	25920
gaaaactaca	aaacgctgat	aaaagaaatc	aaagaagact	taaatagcgt	gaaatatacc	25980
atgcttatag	gttggaatac	ttaatatagt	aaagatgcc	attttatcca	aattattaca	26040
caggataaca	ttattactac	caaaatccca	gaaaaatttt	acatagatat	agacaagatc	26100
atacaaaaat	gtatacggaa	atatgcaaag	gaactagagt	agctaaaaca	aatttgaaaa	26160
agaaaaataa	agtgggaaga	atcagtctat	ccagtttcaa	gacttacata	gctacagtaa	26220
tcaagactgt	gatattgaca	gagggacagc	tatagatcaa	tgcaacccaa	tagagaacta	26280
agaaagaagc	acacacaaat	atgcccaaat	gatttctgac	aaaggtgtta	aaacacttca	26340
acggggggaag	atatgtctct	cattaaaggg	tgtagagtca	ttgcacatct	ataggcaaaa	26400
agatgaacct	gaacctcaca	ccctacagaa	aaattaactc	aaaatgactc	aaggactaaa	26460
cataagatat	acatctataa	aacatttaga	aaaaggccac	gcacggtggc	tcacgctcgt	26520
aatcccagca	ctttgggagg	ccaaggcagg	tggatcacct	aaggtcagga	gtttgagacc	26580
agccggatca	acatggagaa	gccccatctc	tactaaaaat	acaaaattag	ctggacgtgg	26640
tggcacatgc	ctgtaatccc	agctacttgg	gaggctgagg	catgagaatc	gcttgaaccc	26700
ggggggcaga	ggttgcggtg	agccaagatc	acaccattgc	actccagcct	gggcaacaag	26760
agcaaaaactc	caactcaaaa	aaaaaaaaaa	aaaggaaaaa	tagaaaatct	ttgggatgta	26820
aggcgaggta	aagaattctt	acacttgatg	ccaaactaag	atctataagg	ccagtcgtgg	26880
tggctcatgc	ctgtaattcc	agcactttgg	tcaactagat	gaaagggtata	tgggaattca	26940
ctgtattatt	ctttcaactt	ttctgtagg	ttgacatttt	tttagtaaaa	aattggggga	27000
aagacctgac	gcagtggctc	acacctgtaa	tcccagcact	ttgggaggcc	ggggcagggtg	27060
gatcacacgg	tcaggagtcc	gagaccagcc	tggccaacat	ggtgaaaccc	cgtctctacc	27120
aaaaatataa	aaaattagcc	gggtgtcatg	gtgcatgcct	gtaatcccag	ctactgagga	27180
ggctgaggca	ggagaatcac	ttgaacctgg	gaggtggaag	ttgcagttag	ccgagattgt	27240
gccactgcac	tccagccttg	ggtgacagag	cgagactccg	tctcaaaaaga	aaaaaaaaaa	27300
aaagaatatc	aaacgcttac	tttagaaaact	atttaaagga	gccagaattt	aattgtatta	27360
gtatttagag	caatttttat	gctccatggc	attgttaaata	agagcaacca	gctaacaatt	27420
agtggagtcc	aacagctgtt	aaatttgcta	actgtttagg	aagagagccc	tatcaatatc	27480
actgtcattt	gaggctgaca	ataagcacac	ccaaagctgt	acctccttga	ggagcaacat	27540
aaggggttta	accctgttag	ggtgttaatg	gtttggatat	ggtttgtttg	gccccaccga	27600
gtctcatgtt	gaaatttggt	ccccagtact	ggaggtgggg	ccttattgga	aggtgtctga	27660
gtcatggggg	tggcatatcc	ctcctgaatg	gtttggtgcc	attcttgtag	gaatgagtga	27720
gttcttactc	ttagttccca	caacaactgg	ttattaaaaa	cagcctggca	ctttcccca	27780
tctctcgtt	cctctctcac	catgtgatct	cactggttcc	ccttcccttt	atgcaatgag	27840
tggaaagcagc	ctgaagccct	cgccagaagc	agatagtgat	gccatgcttc	ttgtacagcc	27900
tacaaaacca	tgagcccaat	aaaccttttt	tctttataaa	ttatccagcc	tcaggatttc	27960
ctttatagca	agacaaatga	accaagacag	ggggaaatca	acttcattaa	aataatctat	28020
gcagtcacta	aacaaataag	aacaagaggc	tccagaagtg	ggaagccaat	acccagagtt	28080
cctacaatac	agtatctgaa	aagtccagtt	tccaacccaa	aatatataat	atacaggccg	28140
gacatggtag	cttatgtctg	taatcccagc	actttgggat	gctgaggcgg	gcagatcacc	28200
ctaggtcagg	agttcgagac	cagcctggcc	aatatggcaa	aaccccgctc	ctactaaaaa	28260
tacaaaaatt	agccaggcat	ggtggtggat	gcctgtaate	ccagctactc	gggaggctga	28320
ggcagggaat	cacttgaacc	caggaggcag	aggttgcagt	gagccgagat	cacgccactg	28380
aactccagcc	tgggcaacaa	agtgagactc	cacctcaaaa	aaaaaaaaaa	tatacatata	28440
tatatgtgtg	tgtgtgtgtg	tgcgcgcgtg	tgtgtatata	cacatacaca	tatatacata	28500
tatacagaca	cacatatata	tatgaagcat	gaaaagaaac	aaggaagtat	gaaccatact	28560
ttctgtgggt	atgataggat	ggggtatcac	gggggaagta	gacaaggga	actgcaagtg	28620
agagcaaaca	gttatcagat	ttaacagaaa	aagacttttg	agtaaccatt	ataaatatgt	28680
ccacagaatt	aaagaaaagc	gtgattaaaa	aaggaaagga	aagtatcata	acaatattac	28740
tccaaataga	gaatatcaat	aaaggcatag	aaattataaa	atataataca	atggaaattc	28800
cggagttaga	aggtagaata	actaaaattt	aaaattcact	agagaagggt	caacactata	28860
tttgaactgg	cagaagaaaa	atttagttag	acaaatatac	ttcaatagac	attattcaaa	28920
tgaaaaataa	aaagaaaaaa	gaatgaagaa	aaataaacag	aatctcagca	aatgtgggca	28980
caccattaat	cacattaaca	tatgcatact	gagagtaccg	gaagcagatg	agaaagagga	29040
agaaaaaata	ttcaaattgat	ggccagtaac	ttcctagatt	tttgttttaa	agcaataacc	29100
tatacaatca	agaaactcaa	tgaattccaa	gtaggataaa	tacaaaaaga	accacaaaca	29160

gatacacccat	ggtaaaaaatg	ctgtaagtca	aaaacagaga	aaatattgaa	agcagctaga	29220
ggaaaactta	taagagaacc	tcacttacaa	aagaacatca	cttataaaag	aaccacaata	29280
atagaaacag	ttgacctctc	atcagaaaca	atgaatgata	acatatattga	agtgtctcaa	29340
gaaaaaaaat	aaagattcct	atatacgaca	aagctgtctt	tcaaaaatat	acatccaaaa	29400
ggattgaaac	caggggtctg	aagagttatt	tgtacatcca	tgttcatagc	agcattattc	29460
acaatagcca	aaaggtagaa	gcaacccaag	ggtccatcga	caaataaata	aaatgtggta	29520
tatgtataca	caatggaatt	tattcagtat	taaaaaggaa	tgaaattctg	acacatgcta	29580
caacatggct	aaaccttgag	aacactatgc	taagtgaat	aagccagcca	caaaaggaca	29640
aataccatat	tacttcactt	gtatgaaata	cctagggtag	tcaaattcag	agatagaaag	29700
taaaacagtg	gttgccaagg	gctgagggag	ggagtaacgt	ggagttattg	ttgaatgggt	29760
acagaatttc	agtttttgcaa	gataaaaaga	gttctggaga	cagatgggtg	tgaggggtgg	29820
acaacaatac	aaatatactt	tatactactg	aacagtatac	ttaaaaatga	ttaacatggg	29880
gaaaccccgt	ctctactaaa	aatacaaaaa	aattagctgg	gtgtgggtgg	gggcacctgt	29940
aatcccagct	acttgggagg	ctgaggcagc	agaattgctt	gaaaccagaa	ggcggagggt	30000
gcagtgagct	gagattgcgc	caccgcactc	tagcctgggc	aataagagca	aaactccgtc	30060
tcaaaaaata	aaaaataaaa	aaaattttaa	aatgattaag	caggaggcca	ggcacgggtg	30120
ctcacaccta	taatgccagc	actttgggag	gccgaggcag	gcgatcactt	gagaccagga	30180
gtttgagacc	agcctggcca	acatggcaaa	accctgtctc	tgctaaaaat	acaaaaatta	30240
gccaggcatg	gtggcatata	cttataatcc	cagctactgg	tgagactgag	acacgagaat	30300
tgcttgaacc	caggaggcag	agattgcagt	gagtcgagat	cgcgccactg	aattccagcc	30360
tgggcgacag	agcaagattc	tgtctcgaaa	aaacaaaaac	aaaaacaaaa	agcaaaacca	30420
aaaaataatt	aagcaggaaa	cgagattgct	gctgaggagg	agaaagatgt	gcaggaccaa	30480
ggctcatgag	agcacaaaaac	ttttcaaaaa	atgtttaatg	attaaaatgg	taaattttat	30540
atgtatctta	ccacaaaaaa	aagggtctgg	gggcaggaaa	tgaagggtga	ataaagacat	30600
cccagagaaa	caaaagtaga	gaatttggtg	ccttagaaga	aacaccacag	gaagttcttc	30660
aggctgaaaa	caagtgaacc	cagagggtaa	tctgaattct	cacagaaaat	tgaagcatag	30720
cagtaaagg	tattctgtaa	ctatgacact	aacaatgcat	attttttcct	ttcttctctg	30780
aatgattta	aaaagcaatt	gcataaaaata	ttatatataa	agcctattgt	tgaacctata	30840
acatatatag	aaatatactt	gtaatatatt	tgcaaataac	tgcaaaaaag	agagttggaa	30900
caaagctgtt	actaggctaa	agaaattact	acagatagta	aagtaatata	acaggggaact	30960
taaaaataaa	atttttaaaaa	attttaaaaat	aataattaca	acaataatat	ggttggggtt	31020
gtaatatata	tagacataat	acaaaaatac	cacaaaaagg	gaagaagaca	atagaactac	31080
ataggaataa	catttttggt	tctaactaga	attaaattat	aaatatgaag	tatatctctg	31140
taagttaaga	cacacatggt	aaaccctaga	tactaaaaag	taactcacat	aaatacagta	31200
aaaaaataaa	taaaataatt	aaaatgtttg	tattagtttc	ctcagggtac	agtaacaaac	31260
taccacaaat	tgagtggctt	aacacaaact	aatgtattt	tctcccagtt	ctggaggcta	31320
aacacctgca	atcaagggtg	gtacagggcc	atgctccctg	tgaaggctct	aggaaagaat	31380
cctcccttgt	ctcttccagc	ttccagtggt	tctcagtaac	cctaagtgtc	ccttggcttg	31440
tagctatatc	attcctagca	accagaaaga	agaaaaataat	aaagattatg	gcaaaaaata	31500
atgaaatcaa	aaggagaaaa	atggaaaaaa	ataaataaaa	ccaaaagcta	gttctttgaa	31560
aagatcaacc	aagttaacaa	accttttaac	tagactgaca	aaaaggagg	aagactcaa	31620
ttactagaat	cagaaataaa	agaggggaca	ttactaatga	gggattagaa	aagaatacta	31680
cgaacaaatg	tgtgccaaac	aattagaaaa	cttagatgaa	atggacaggt	tcctaggaca	31740
acatcaacta	ccaaaattta	ctcaagaaga	aagagacaat	ttgaatgagc	tataacaagg	31800
gaagagactg	aattgacaac	caagaaacta	tccacaaaga	aaatcccagg	cccagaagat	31860
ttcactgtga	aattctttca	aacttataaa	tataaattaa	catcagttct	tcacaaactc	31920
ctccaaaaaa	aagaacagat	ctctatttac	aggcgatacg	atcttttagaa	aatcctaagg	31980
gaactactaa	gacactatga	taactgataa	acaagttcag	caaggctgca	ggatagaaaa	32040
ccaatatata	aaaatctatt	atatttctat	acacttgcag	tgaacaaccc	aaaaatgaga	32100
ttaagaaaat	aattcaattt	acaataacat	caaaaagaat	aaaaacactc	aaaaataaat	32160
ttattcaagt	aagtgcaaaa	cttatactct	agaagctaca	aaacactgtt	aaaagaaatt	32220
aaaggtttac	ataaatgaaa	aactatccca	tgttcatgga	tcaaaagact	tattactggc	32280
aatgctctcc	aaattgatct	ataaattcaa	caaaatcctt	atcaaaatcc	cagatgaggc	32340
tgggggtggc	ggttcatgcc	tgtaatccca	gcactttggg	aggctgaggg	acgcagatta	32400
cctgaggtcg	ggagctcgag	atcagcctga	ccaacatgga	gaaaccctat	ctcttctaaa	32460
aatacaaaat	tagtcaggcg	tggtggcaca	tgccataaat	cccagctact	cgggaagctg	32520
aggcaggaga	atcgcttgaa	cccaggaggc	agaggttgca	gtgagccaag	atcgtgccat	32580
tgcaactccag	cctgggcaac	aagagcaaaa	ttccatctca	aaaaaaaaaa	aaaaaaaaatc	32640
ccagatgact	tcactgttga	aattgaaaag	attattctaa	aattcacatg	gaattgcaag	32700
accttgagaa	tagccaaaac	aaacttgaaa	aacacgaaca	aatatagga	tgactcactt	32760
gccaattgca	aatgttacga	cacagcaaca	gtaatcaaga	ctgtgtggta	ctggcaaaag	32820
acacatacat	acatacatat	caatggaata	taattgagag	tacagaaaca	agcctaaca	32880
tctatggtaa	gtgcttttct	atttttttct	tttttttttt	cttttttgta	gagatagaat	32940
ctcaccatgt	tgcccaggct	ggtcttcaac	ttctgggctc	aagcaatcct	cccactgtgg	33000
cctcccaaag	tgctgggata	actggcatga	gccaccacat	ccagcccaga	tgattttcaa	33060

aaaagtcaac	aagaccattc	ttttcaacaa	ataggtctgg	gatgatcaga	tagtcacatg	33120
aaaaaaaaa	tgaagttgga	ccctccatca	cactaaagtg	ctgcgattat	aggcatcagc	33180
caccacatcc	agcccaaagt	attttcaaaa	aggtcaacaa	gaccattctt	ttcaacaaat	33240
aggtctggga	taatcagata	gtcacatgaa	aaaaaaaaatg	aagttggacc	ctccatcaca	33300
ccatatgcaa	aaattaattc	aaaaatgaat	tgatgactta	aacgtaagag	ttacgactgt	33360
aaaactctta	gaaggaaaca	tacgggtaaa	tcttaaagac	gttaggtttg	acaaagaatt	33420
cttagacatg	acaccaaaaag	catgaccaac	taaggtaaaa	tagggtaaat	tgtacctacc	33480
aaaatgaaaa	acctttgtgc	tggaaaggac	accatcaaga	aatggaaagc	caaaatagcc	33540
aaggcaatat	taagcaaaaa	gaacaaagct	ggaggcatca	tactacctga	cttcaaagca	33600
acagtaacca	aaacagcatg	gtactagtag	aaaaacagac	acatagacca	atggaacaga	33660
ataaagaacc	caaaaataaa	tccacatatt	tatagtcac	tgatttttga	caatgacacc	33720
ccttcaataa	atgatactag	gaaaactgga	tatcgatatg	cagaagaata	aaactagacc	33780
cctatctctc	accatataga	aaaatcaact	cagactgaat	taaagacttg	aatgtaagac	33840
ccaaaactat	aaaactactg	gtagaaaaca	taaggaaaaa	cgcttcagga	cattggtcca	33900
ggcaaagatc	ttatggctaa	aacctcaaaa	acacaggcaa	caaaaaacaaa	aatggaaaaa	33960
tagcacttta	ttaaactaaa	aagctcctgc	acagcaaagg	aaacaacaga	atgaaaagac	34020
aacctgtaga	atgggagaaa	atatttgcaa	actatccatc	catcaaggga	ctagtatcca	34080
gaacacacaa	gtgactaaaa	caactcaaca	gcaaaaaagc	aaataatctg	gtttttatat	34140
gggcaaaaga	tctgaataaa	cattctcaaa	ggaagacata	caaatgtcac	tatcattctg	34200
ccagtaccac	actgtcttga	ttacttgtaa	gtgtataaat	ttttaaatgt	ggaagtgtga	34260
gtcatcctac	actttgttct	tgtttttcaa	gtttgttttg	gctattctgg	gagccttgca	34320
agtataaaat	agccaacaag	tatgaaaaaa	tgctcaccat	cactaatcat	cagagaaata	34380
aaaatcaaga	ccactatgag	atatcctctc	actccagtta	gaatggctac	tatcaaaaag	34440
acaaaatata	atggatgctg	gcaaagattt	ggagaaaggg	gaactcctat	acactgtggg	34500
tagggatgca	aattggtaat	ggccattatg	gaaaataata	ctgaggtttt	tcaaaaaact	34560
gaaaatagaa	ctaccatatg	atccagcaac	cctactactg	ggtatttata	caaaggaaag	34620
aagtccagtat	actgaagaaa	tatatgcact	ctcatgttaa	ttgcaacact	gttcacaaca	34680
gccaagacag	ggaataaatc	taaatgtgca	tcaacagatg	aatggataaa	gaaaatgtgg	34740
catatacact	caatagaata	ctattcagcc	attaaagaag	aatgaaatcc	tgtcatccca	34800
gcaacatgga	tgaacctgga	ggacattata	tttaaatgaa	taagtaaagc	acaaaaagat	34860
aaacagtaca	tgttctcact	cagacatggg	tgctaaaaag	aaaatggggg	cacagaatta	34920
gaaggggagg	cttgggaaaa	gttaatggat	aaaaatttac	agctatgtaa	gaagaataag	34980
ttttagtgtt	ctatagaact	gtagggcgag	tatagttacc	aataacttat	tgtacatgtt	35040
caaaaagcta	gaagagattt	tggatgttcc	cagcacaaag	gaatgataaa	tgtttgtgat	35100
gatggatata	ctaattaccc	tgattcaatc	attacacatt	gcatacatgt	atcaaattat	35160
cactctgtac	ctcataaata	tgtataatta	ttacgtcaac	aaaaaaagga	aaaaaaagaa	35220
aattaagaca	acccacataa	tgggaagaaat	aaaatatctg	caaattatat	atatctgata	35280
aatattttaat	atttataata	tataaagaac	tcctacaact	caagaacaac	aacaaaacaa	35340
ccaattcaa	aatggggtaa	aagccttgaa	tatacactta	tctaaagact	atatacaatt	35400
ggccaataaa	gacacgaaaa	gatgctcaac	atcactagtc	atcagggaaa	tataaatcaa	35460
aaccacaatg	tagaatgtag	acaccacttc	atatgcacta	ggatggctag	aataaaaagg	35520
taataacaaa	tgttggtaag	gatgtgaaaa	aatcagaaac	ctcattcgct	gctgttggga	35580
atgtaaagtg	atgcagccac	tttggaaaaac	agtctggcag	ctcctcaaat	tattaaatac	35640
agagttaccg	tatgaccacg	gaatattcct	cctgggtcta	taacccaaaa	aatgaaaaca	35700
tatatccaca	taaaaacttg	tacatgggca	tttatagcaa	cattattcat	aacagcaaag	35760
gtggtaagaa	cccatatgcc	catcatctga	tgaacaggta	aataacatgc	ggtattatcc	35820
atacactaga	atattatctg	cccatacaag	gagtgcacac	cagctacatg	ctacaaggat	35880
gaatctcgga	aaccttatgc	taagtgaag	aagccagtca	caaatgacca	cagattatga	35940
ttccatgcat	cggaaatgac	cagaataggg	aaatctatag	agacagaaag	tagattagtg	36000
gttgggtggg	gctgggagga	caggtagtac	actactttcc	cagaactact	ggaacaaagt	36060
accacaaact	ggggagctta	aacatagaaa	ttgattttct	cacagttctg	gagactagga	36120
ctctgagatc	aaggtgtcag	cagagctggg	tctttctgag	ggccctgagg	caaggctctg	36180
tcccaggcct	ctctccttgg	ctggcagggtg	gccatcttct	ccctgcgtct	tcacatcatc	36240
ttttctctgt	gtgtgccccat	gtccaaattt	tgattggctc	attctgggtc	atggccaatt	36300
gctatgcaca	aagtgaagtc	tacttccaaa	agaagggaag	agggaacact	gactaggcta	36360
aacttatagt	catttttaatg	tccgcttttc	ctatgagatt	gtgaacacac	agaagtaggg	36420
tttttatcta	cattgtgcaa	agtttaataa	gaaaaataga	attcaagaga	agcagttcaa	36480
tagcaggaat	ttaatatggg	aactaattac	aaggtttagg	gcaggactaa	aaagccagtt	36540
gggatggtga	gccaacccag	agattagcaa	cagtgggacc	ccatctacct	accacccatg	36600
aagctggaag	gataaaggag	gggctattat	cagagtccac	aagccagtgt	cagagtccct	36660
ggctggagct	gggaccaccc	tagagacact	gtgcaaagca	gaaaacaagg	gggaaaaacc	36720
ctgacttctc	ccttcctccc	acctttcaat	ctcccactag	tgcttcctac	tagccatact	36780
tggccagaga	cagtgacaag	gaacactgca	aatgaagtt	tgtaggaatc	atctccctct	36840
gagacagaga	aatatggaag	ggtagaaaat	gaatcagagg	ataaagagaa	aaaaccctga	36900
gtactatctt	atttatcttt	gtatctccag	tgccaatct	gtctctcaaa	aaaggaaagc	36960

aattgagaga	aactgaaaac	tccaattgaa	atgaaagaat	ggagaattac	tggactagaa	37020
gagaagagaa	aaattttattc	cgcatagagt	aaacaagaat	ggattcacaa	aggacgtgat	37080
gaatgaaaag	ctataatcag	caaagatttg	ccagagaaat	taaaaagtgg	taaactcagc	37140
cacgctgtac	aacctgaagg	cacaatgcat	gaaaacgttt	caagaaatga	caagatttga	37200
agtcaaattc	taagtgcctt	tccagaatct	ctcaagacga	ttatatagct	acccccattt	37260
attaaataaa	atggaaactt	actaaacttt	ccccctgtat	taaactaaca	tatgtcctaa	37320
tagcaaacga	ttctggaatt	cctagagtaa	aataatattc	gtcaaagtgt	attgctcttt	37380
taatattctg	ctgacctcct	tttgctattt	aggatatttg	tatacacatc	acacgtaaat	37440
ttgggtctata	gtttacatct	acgggcttat	actggtcttt	ttttcatttt	tttaaaattt	37500
ccaacccccca	gtatccatat	actgctctct	atcaggggta	ttttaacttt	gtaaaatcag	37560
ctgagatgct	ttccatgttt	ttttttttta	ttttctgccca	catttgaata	gcataggagt	37620
taccaccatc	aaccttggat	tatttaagca	ttcacgattc	cacgtgtgga	ttttttattc	37680
agagtctttc	ttgtcatctc	tgctatcagc	acagaaccca	atctcagctt	tccagctata	37740
ctctcaccctc	atggaatttg	cagatgaagt	tcaaaaggac	ctttgcatta	tcctgcctcg	37800
ccctcttccc	ccttcattta	gacatcacct	tcttctagaa	cgtcttacct	gacatgcctc	37860
gctcccaacc	cctgctgccc	aattgtgtgc	tctcccgtgt	cctggcctgc	catcctcttt	37920
agtaattgcc	tgctccctca	tctgtctccc	caccagacac	ttaagctgaa	tagactggat	37980
ttgtgtcttg	tccatcacta	taatctcagc	acctagtacc	tagtaggtac	ttaccatgta	38040
ttcattagca	aaatgttatg	tataaccttg	caccttaaaa	acaagagaag	gaagacaaaa	38100
ttaagtctta	agactatggg	ttagaacatg	gatcagaaac	tacagtctgc	agcccaaata	38160
cagaccaaat	gaagagacca	tggtcattta	catacaacct	atagcagctt	tcacactaca	38220
ggagcagagc	taagtagttc	caagggaaca	cacggccctg	caaagcctaa	aatatttact	38280
ctatagctct	tcacagaaaa	agttttcaga	tccctcggtt	agaactcttg	ttcatatgca	38340
atttcactaa	accatagttt	tttgggtttg	tttgggtttt	tttggcaaaa	aggaatgagc	38400
cgatccagaa	aaggttgaaa	agaatgaatc	attactgctg	aaagaatgtg	cacacagtcc	38460
gtcagtattc	tgctgccatg	ctgacaccca	tccaatagtg	tcatgagatg	cagcagctac	38520
tactgtgttc	tcaatgccga	gtccacccac	tccataacca	tgtccaagca	atcttgggaa	38580
catcatcacc	atgcttgttt	atccttaagg	tattgectca	catacagcag	tggctgggtca	38640
taaagtcaaa	tgacactagt	ggccaggagg	tcaagagaat	gagtgaggac	aggtgggtag	38700
gcagcccagg	ccctagcaac	agcaggagct	caccctcagc	tcactctagc	caggactgaa	38760
atacttttca	cccttttcaag	agagactagg	aatctggatt	tttatgtgaa	atatcttgat	38820
tactaaatgt	tgtcaacaga	catgtcaaaa	ggtaaaaacta	agtaagttca	tggggcagat	38880
tgactattca	ggttatagaa	ttaaggattc	ttatccaaca	cagataccaa	ccaaaaagct	38940
gacgtataac	atattaggag	aaactatgtg	cactgtcgaa	acatcaacaa	ggggctaata	39000
tctaaaatag	tctatattgg	attccagttg	aaacatgggg	aaaggacatg	aacaggcaac	39060
ttatgtcaat	ggaaactcaa	aaagataaca	agcatatata	aaagcattct	caaattcagt	39120
agtaaacaga	cagatgcaaa	taaaaagagg	gaaactgctg	ccgggcacag	tggctcacac	39180
ctgtaatccc	agcacttttg	gaggccgagg	cgggcggatc	atgaagtcag	gagatcgaga	39240
ccatcctggc	taacatgggtg	aaaccccgctc	tctactgaaa	acacaaaaaa	ttagccaggc	39300
gtagtggtgg	gcaccagtag	tcccagctac	tcaggagggtt	gaggcaggag	aatggcatga	39360
accaggagg	cggagattgc	agttagccga	gaccatgccca	ctgcactcca	gcctgggcga	39420
ctgagtgaat	ctccatctca	aaaaatataa	taataattat	aattataata	ataataaata	39480
gtaaataaat	aaaaagagag	agactgctaa	agtctagaaa	gttgaatgat	gccaagcgca	39540
tgcaaagatc	agggccttgg	gatggccggg	tgcagtggct	cacgcctgta	atcccaccac	39600
tttgggaggc	caaggcgggc	ggatcatgag	gtcaagagat	caagaccatc	ctggccgaca	39660
cagtgaacc	cggctctctac	taaaagtaca	aaaaaatata	tatatatata	tatattatta	39720
tattatatat	atatatatca	gagccttggg	aatccttgtg	tgctgctggg	gaaggtagtg	39780
gtgcagccac	ccttgacagc	aatctggcag	tacttgggtta	tattaagtat	aggcacacac	39840
cacgaccagg	cagtcctact	cctgggtcta	aatcccaaag	aattctcaca	caagtccata	39900
aggagacatg	tacgaggctc	attcagcatt	actgggagtg	ggaatcaacc	tgggtgtcca	39960
tctacaggag	acgagatgga	caaaatgtgg	tggatattaa	gaccagaatc	accaagtaac	40020
agagatgggt	ggtgagtgac	aatcctaaga	tacagaataa	aggctagaac	atgatgccat	40080
tcatgtaat	taaaaataga	tgcacacaaa	gcagtatacg	cgtgaccctt	gaatagcaca	40140
ggtttgaact	gcctgtgtcc	acttacatgt	ggattttctt	ccacttctgc	tacccccaa	40200
acagcaagac	caacccctct	tcttctctct	ccccctcagc	ctactcaaca	tgaagatgac	40260
aaggatgaag	acttttatga	taatccaatt	ccaaggaact	aatgaaaagt	atattttctc	40320
ttccttatga	ttttctttat	ctctagctta	cattattcta	agaatatggg	acataataca	40380
catcacacgc	aaaataaatg	ttaattgact	gttttatatta	tgggttaaggc	ttccactcaa	40440
cagtaggctg	tcagtagtta	agttttggga	gtcaaaagtt	atacacagat	tttcaactgt	40500
gcaggcaatc	agttcccctg	accccctcat	tggtcacggg	tcaactgtat	atacacaaaa	40560
gtattatatg	aacctcatta	gaatagctgt	ctataggagg	aagagaatga	gagtgggata	40620
aaacggaatg	aacaaataaa	ccaacaaatg	cattaacaag	caaaacaaca	gaggggcttg	40680
catgggccag	tgatgataaa	gggctaagaa	tgagaatata	attaattcaa	ttcctcacac	40740
ctgaggtcta	aaaccaagga	aagggagggc	caggcgtgga	ggctcacgcc	tgtaatccca	40800
gcactttggg	aggctgaggc	gggcggatca	caagattagg	agtttgagat	cagcctggcc	40860

aacacagtga	aagcccatct	ctacaaaaaa	tacaagaatt	acccaggtgt	ggtggcacat	40920
gcctgtagtt	agctactctg	gaggctgagg	caggagaatc	acttgaacc	aggaggcgga	40980
ggttgcaggg	agccgagatc	acaccattgc	actccagcct	gggtgacaga	gtaagactct	41040
gtctcaaaaa	aataaaaaaa	ataaaaaaac	agagaaaggg	aggaaactag	atccaggctg	41100
actagatata	gccttttagag	ttagaaaaga	tgatttgaca	atctaagccc	acactcagat	41160
tgaatgaaat	tgaaaagcct	ttcaaactaa	aacattttaat	tacaccatct	gctgcagaca	41220
gaactcagac	aactcaaaca	ggtaatgtca	gcgtgggtgt	ttatatcacc	accctcaaca	41280
cagaataaaa	atcagctgca	tgtgaagcag	tgactagaat	gaagaaaagg	ctgcttctta	41340
cttcccttcta	gtgggttcttt	ccgaaaacat	taataggcac	cagctctatg	catgtcaccc	41400
tgcagggaga	catgggggtat	ataactatga	cttactgttc	attcctcaag	gaattcccaa	41460
tcttgtggaa	gattatacac	aatgaggcaa	caaaaactat	ccaataaaac	cacggaaaag	41520
aagccagtga	caaagaagcc	agtgatgaaa	ggccctgtga	gcagagctga	tggccatttg	41580
gggaagaaag	accaacatgg	atgggggtga	tcagggtggc	tccgtgggaa	agctggaaga	41640
gaagtggcag	atctctgagc	tggatgatgg	gccactacca	tctgtatatg	gctaattaaa	41700
gacatgtgt	ggatttttta	ttcagctctt	tcgtgtcatt	cctgctatca	gcacagaacc	41760
caatctcaac	tttccagcta	tattgagcta	aacttctcac	ctcatggaat	ttgcagataa	41820
agttcaaaag	gaccccttgc	ttttcaaaat	aattttgaat	ggttgagtag	tccctctgtg	41880
ctctctcact	gacaccctct	caaggctgct	gagcacgtgc	catgctatgg	ctttctccaa	41940
catcaggaaa	tgttctccac	tcagtttcac	cttaatacaa	atgtgttctc	tcttcagaga	42000
aggcaaaaaa	attcatgacc	atctgactgg	gagaagtcac	ttctaggtaa	agtgtccatc	42060
tttttctgag	gaacacagga	ggaaaatctt	acagaaaaga	gttaacacag	caggcctaag	42120
actgcttttt	aaaataaata	aataaataaa	taaataaata	aataaataaa	taaataaata	42180
aataaatgaa	tgatagggtc	ttctgtattg	gccaggctag	tctcaaattc	ctggcttcaa	42240
gagatcctcc	caccttggtc	tcccacagtg	ttgggattat	agacatgagc	cattgtgctt	42300
ggcccaagac	tgttattctt	aaaaagtctc	ataaaaagca	tggttaatcc	ttggctggca	42360
cctgggaact	tagatttcag	aagggttccc	accatccaac	ctggaaagag	ggactcactg	42420
tgcctaaatt	attgtgtggt	ttatgctgaa	ctcctgcttt	tcttcaggta	gcgtggaatg	42480
tggatgtgac	tgggcaaagg	gggcctgcat	gaccagcccc	caataaaaac	cctgggtgtt	42540
gggtctctag	tgagtttccc	tggtagacag	catttcacat	gcgttgtcac	agctccttcc	42600
tccggggagtt	aagcacatac	atcctgtgtg	actgcactgg	gagaggatgc	ttggaagctt	42660
gtgcctgggt	tccttttgga	ttggccccc	gcacctttcc	ctttgctgat	tgtgctttgt	42720
atcctttcac	tgtaataaat	tacagccgtg	agtacaccac	atgctgagtc	ttccaagtga	42780
accaccagat	ctgagcatgg	tcctgggggc	ccccaacaca	gaaataaatt	ataaaagacc	42840
aaggactggg	catggtggcc	catgccggta	atctcagcgc	tttgggaggg	cgaggcagga	42900
ggaccagtta	agcccaaaag	ttcaaagtta	cagtgcacta	tgactgcgcc	aatgcactct	42960
aacctgggag	acagagcaag	acctgtccc	caaaacaata	aactaaacac	atacttctgc	43020
cttccaagtg	tcttaaaatt	caatggaatg	gtagaaacat	ttttaaaaca	ctaaatcaaa	43080
agaaacctgg	aaaacaagag	tgccgatggc	caactaaaat	gtctaggaaa	tttctgaaaa	43140
gtaaaaagta	ctcagaacca	gattacctga	gcaaaccata	gccaataaca	agcttgggag	43200
gaggctgtta	tgcagaagga	aatggtaaca	ggtttccagg	aacagacttg	taacagcaga	43260
tagaacagca	gaggtagaac	ctgacaaggt	gattacctgg	ggaactgcag	tctgaatgac	43320
caggactggt	ggacccttcc	cctcacatgg	aatacacacg	ccactcagca	gcacaccaca	43380
gctcttcaac	aatcacagga	ggcacgctac	gcctagtaag	acaggaaaaa	aggaattctc	43440
aaacttcgaa	gatgaacaca	taaagaatca	ccaagttttt	attcagtatg	atgaaacagg	43500
gacactgaat	caacagaaca	caaaccacaag	caaagataat	tactagagca	catagaagaa	43560
attattagat	attcttgagg	agacctaaag	ggacattata	aagagcaagc	agttggtatg	43620
tgacgatctt	tgtgatatac	caagaaataa	aaacacagga	tgaagaccag	atagagaata	43680
atgctactat	ttgtgcaaaa	aaggagaaat	ggagaatctg	attcatattt	gcttgtattt	43740
gcatgaagaa	actttggaag	gtacataagt	aactaacaac	aatgggtacc	tacttgtaag	43800
gcgagagaag	taagaggaca	ggaatggtgg	gaacaccttt	tgtgtccgga	attggtgggt	43860
tcttgggtctg	acttgagaga	tgaagccgtg	gacctcgcg	gtgagcgtaa	cagttcttaa	43920
aggcggtgtg	tctggagttt	gttccttctg	atgtttggat	gtgttcggag	tttcttccct	43980
ctgggtgggt	cgtagtctcg	ctgactcagg	agtgaagctg	cagaccttcg	cggcgagtgt	44040
tacagctctt	aagggggcgc	atctagagtt	gttcggttct	cctgggtgagt	tcgtgggtct	44100
gctagcttca	ggagtgaagc	tgcagacctt	cgagggtgtg	gttgcagctc	atatagacag	44160
tgcagaccca	aagagtgagc	agtaataaga	acgcattcca	aacatcaaaa	ggacaaacct	44220
tcagcagcgc	ggaatgcgac	cgcagcacgt	taccactctt	ggctcgggca	gcctgctttt	44280
attctcttat	ctggccacac	ccatatcctg	ctgattgggt	catttttacag	agagccgact	44340
gctccatttt	acagagaacc	gattgggtcca	tttttcagag	agctgattgg	tccattttga	44400
cagagtgtctg	attgggtgctg	ttacaatccc	tgagctagac	acagggtgct	gactgggtgta	44460
tttacaatcc	cttagctaga	cataaagggt	ctcaagtccc	caccagactc	aggagcccag	44520
ctggcttcac	ccagtggatc	cggcatcagt	gccacaggtg	gagctgcctg	ccagtcccgc	44580
gccctgcgcc	cgcactcctc	agccctctgg	tggtcgatgg	gactgggcgc	cgtggagcag	44640
gggggtggtgc	tgtcagggag	gctcggggcg	cacaggagcc	caggaggtgg	gggtgggtca	44700
ggcatggcgg	gccgcagggtc	atgagcgctg	ccccgcaggg	aggcagctaa	ggcccagcga	44760

gaaatcgggc	acagcagctg	ctggcccagg	tgctaagccc	ctcactgcct	ggggccgttg	44820
gggcccggctg	gccggccgct	cccagtgcgg	ggcccgcgca	gcccacgccc	accgggaact	44880
cacgctggcc	cgcaagcacc	gcgtacagcc	ccggttcccg	cccgcgcctc	tccctccaca	44940
cctccctgca	aagctgaggg	agctggctcc	agccttgggc	agcccagaaa	ggggctccca	45000
cagtgcagcg	gtgggctgaa	gggctcctca	agcgcggcca	gagtgggcac	taaggctgag	45060
gaggcaccga	gagcgagcga	ggactgccag	cacgctgtca	cctctcactt	tcatttatgc	45120
ctttttaata	cagtctgggt	ttgaacactg	attatcttac	ctattttttt	tttttttttt	45180
tgagatggag	tcgctctctg	tcgcccagac	tggagtgcag	tgggtgccatc	ctggctcact	45240
gcaagctccg	cctcccgggt	tcacaccatt	ctcctgcctc	aacctcctga	gtagctggga	45300
ctacaggcaa	tcgccaccac	gccagctaa	ttttttatatt	tatttttttt	ttagtagaag	45360
cggagtttca	ccatgttagc	cagatggtct	caatctcctg	acctcgtgat	ccatccgcct	45420
cggcctccca	aagtgtggg	attacagacg	tgagccactg	cgcctgcct	atcttaccta	45480
tttcaaaagt	taaactttta	gaagtagaaa	cccgtggcca	ggcgtgggtg	ctcacgcctg	45540
taaccccagc	actttgggag	gccgaggcgg	gcggatcacg	aggtcaggag	atcgagatca	45600
tcctgggttaa	cacagtgaaa	cccgtcgcct	actaaaaata	caaaaaatta	gccgggctg	45660
gtggtgggca	ccggcagtc	tcgctactgg	ggaggctgag	gcaggagaat	ggcgtgaacc	45720
tgggaggcag	agcttgagc	gagccgagat	agtgccattg	ccttccagcc	tgggagacag	45780
agcgagactc	cacctcaaaa	aaaaaaaaaa	aaaatagaga	cccggaaagt	taaaaatatg	45840
ataatcaata	tttaaaaaa	ctcaagagat	gggctaaaga	gttgacggaa	caaactctaa	45900
tattagattg	gtgacctgca	aaaccagccc	aaggaaacac	ccagaatgca	gcccataaag	45960
ataaagagag	catttccgct	gggcacagtg	gtatggcagg	ggaattgcct	gagtccaaga	46020
gttgacaggtc	acattgaacc	acaccattgc	actccaggcc	tgggcaacac	agcaatactc	46080
tgtctcaaaa	aaaaaaaaaa	ttaaattaaa	aaagacagaa	tatttgagag	aaaaaaatgc	46140
ttattttcaag	aaacatgaaa	gataaatcaa	gatattctaa	ttcccaagta	agaataattc	46200
cagaagcaga	aatagaata	gaggcaagga	aacactcaaa	acttctccag	tgccatagaa	46260
atgtgtatta	atcttttagaa	tgaaacggac	taccaaattgc	tgagcaggaa	gaacaaaaga	46320
gatccactct	taagccagtg	tgggtgccca	gcgcagtggc	tcagtcctgt	aatcccagca	46380
ctttgggagg	ccgaggcagg	tggatcacct	gaggtcagga	gtttgagatc	agtccaggcca	46440
acatggtgaa	accctgtctg	tactaaaaat	acaaacatta	gctgggtatg	gtggtgcaca	46500
tctgtaatcc	caactacttg	ggaggctaag	gcaggagaat	cacttgaaac	caggagggtg	46560
aggttgtagt	gagccgagat	catgccacac	tcccagcctg	ggtgacagag	caagattcca	46620
tctcaaaaaa	aaaatccact	cctagacaaa	taatagttaa	attttagaac	accaaggaga	46680
aagaaaaaaa	attgtaaagc	ttcagagaaa	ataaacatta	actacaaaga	aacgagagtc	46740
agacgcgtgc	acttcttctc	agataaccagc	agataaagca	atatctccaa	aattcagaag	46800
gttttaacgt	agaatcctat	accagtcac	gaatattcac	atggaaaagt	gaaataaaaa	46860
acattgttta	aacatgcaag	ggttcagaaa	gtttaccatt	cacagaatcc	ctgaaaacaa	46920
aaccaaataa	tcacttaagg	actcattaag	aaaacaaatg	aaataaaagc	accaatgatg	46980
agtaaataat	cagaaaaatt	tacagtttac	ctaaataact	gtttatgcat	aatgtatgaa	47040
aacccaaaaa	tttaatatgg	gacagaatta	aatcatgat	aagattcttt	tttgctttac	47100
tcagtgagag	ttcacataaa	cagattatct	tttaatatgca	agagaaaaaa	atgttttagat	47160
atgtgtgaaa	aactaagggt	accaaaacag	tgcaaattca	tttatcatca	ggaaaatcca	47220
aattaaaacc	acagtatcca	ccagaataac	taaaaggtaa	aagacagaaa	ttaccaagag	47280
ttggcaagaa	tgtggagcaa	ccacatatac	ttctggggta	aataagttgg	tgcaaccggt	47340
actgaaaact	gtttgctagt	atctactaaa	accgagcaca	tgacacagact	acaaccaagc	47400
agttccactc	ccagatacac	actcaacaga	aatgcacaca	ctcactcaac	aaaagacgtg	47460
tactagagtg	ttcatgtact	tactattcat	aatagtccaa	aatgcaaac	aaccaactgc	47520
caatcaaagt	caaatgtata	tctatattag	ggatatatac	aatggcatat	acacagcaat	47580
gagaatgaaa	tgaaccagct	cggcacagtg	gttcatgcct	gtaatctcag	cactttgggc	47640
gggtaaggca	ggcagatcac	ttgaggtcag	aaatttgaga	ctagcctggc	caacacgggt	47700
aaaacctgtc	cccactaaaa	acacaaaaat	tagccgggca	tagtggttgc	aggcctgtaa	47760
ttccagctac	tcgggaggct	gggttgggag	aatcgtttga	acccgaaagc	cggaggctgc	47820
agtgcgcgga	gatcgtgcc	ctgcactcca	gcctggacga	tagagcaaga	ctccgtctca	47880
aaaaaggaaa	tcaaaaatat	aaaataagat	gacaggaata	atccgcaaaa	gatcagtaat	47940
caaaataaat	ataaatgggc	taaagctacc	tattaaaaga	caaagatttc	acaccataa	48000
ggatagctac	tatcaaaaaa	agagagagaa	taacagatgt	tagcaaggat	gtatggaaac	48060
tgaaattctc	acgcattgct	ggtgagaata	taaaatggtt	cagcctctgc	ggaaaacact	48120
atgctgggtc	atcaaaaaat	taaaaataga	agtactactt	gatccaacaa	ttctacttct	48180
gggtatatac	ccaaataact	gaaagcaggg	tcttgaagag	atatttgtac	acccatgatc	48240
atggcagcat	tattcataat	agctatgatg	tggaaaccaac	ataaatatcc	tttgataaat	48300
atatggataa	gcaaaatgtg	gtgtatacat	tcaatggaat	attaattagc	aataaaaaatg	48360
aagaaaattc	tgacacatgc	tacaacatgg	atgaaccttg	agggcattac	attaaatgaa	48420
ataagccagt	tataaaaaaga	caaatactat	atgaggtact	atattagata	ctcatgcaag	48480
gtacctaaaa	taggcaaatt	catagagaca	aaaagcagaa	tgggtggttgc	caggggctgc	48540
ggtaatggat	acagagcttc	aattttgtaa	gatgaaaaaa	ttctggagat	tgggtgcata	48600
acaatgtgca	cacacttaac	actggggaac	tgtaaactta	aaagtagtaa	atggtaaaaa	48660

taaaaataat	aaataataaa	ttttatgtta	ttttaccaca	atattttatta	aaagacaaag	48720
attaactaat	taaacaaaat	ccagccataa	gctaattggta	agagtaacaa	ttaaagaaga	48780
cacagaaaat	tgaaaatcag	tgactagaaa	aagatattcc	atataaatgc	taacaaaaag	48840
caagtacagc	aatataaaga	gaatgaacaa	aaaaaaaatt	aaataagatg	gctcgtttat	48900
tcccaaaagg	tacaattcac	caagaagata	caagaattgt	gaacctttta	gcacataaaa	48960
cagcttcaaa	aatacaacat	ttaaagaaaa	atataatatta	aacatagaaa	tagtacaaaa	49020
acccttacia	gaatcataat	gggagtcttc	aatacaactc	tccatatcaa	caggtcaaac	49080
agagaaaaaa	aataagttta	ggatgcagaa	aacctgaatt	accatcaata	aacttgagat	49140
taatatagaa	ctgtataccc	aataactaa	gagttcaggg	aacagtcgtg	actgacagtg	49200
gactgcaaat	taatctgttc	ttatcttttg	tttttctttc	agcactgtgg	cagaatagag	49260
atcctaataa	ccttccagct	acaaaacatc	tttttaaaaa	tataaaaaaa	tacaaaaata	49320
actctgaaat	caatagaaga	cacatgggtga	aaccaaattt	ctagaatata	gggagaataa	49380
aggcattttc	agatattaca	aaaacagaaa	attgatcatt	gctgaagtaa	tttctaaaga	49440
atgtacttga	gggagaagaa	aaatgttcca	aagaaaagta	tctgtgatac	aagaagggaat	49500
ggaaagtga	gaaatggtaa	acaggtagat	aaagctaata	aatggtgacc	tagaaaataa	49560
caaaaacaat	agcaataatg	tctcgttgga	agggttgaag	taaaaatata	attaaggcca	49620
aatgtgaggt	aagtggaaatg	aaagaattag	aagtccttgc	cttggtcaca	ggactgatta	49680
aataaatgag	ccaggttttc	cattcaaaca	gttaaaactt	gaacaaaata	aactcaaatt	49740
aagtagaaag	ataaaaaaca	gaaattaatg	tcatagaaaa	ataaaaaatc	aatagaatta	49800
atcaataaat	cctggttaat	aaaagctggt	tctttgaaag	gattaataaa	ataatcatta	49860
agcaagtctg	atcaaaaaaa	aagagaaaag	gtaccaaaaa	aagtactgta	tcagaaagag	49920
aacatacaga	tacatacaga	tatgtaagag	tctgttttct	tacaccagaa	tactatatac	49980
aacattatgc	tagcatatat	taaatttcaa	taatgttaat	gatttttctag	gaaaacagaa	50040
aattattaat	ttactttgaa	gaaacagaaa	aactgagaaa	aataaatgat	catgaaaaaa	50100
atgaaaagg	aattaaatac	tgatattaac	tgccataaaca	acaccagcag	cagcccaggc	50160
agtctgcagt	caagttctgc	caaacttgag	ggaacagata	attcttctat	tccagagcat	50220
agaaaatgat	ggaaagtctc	ccaatttaac	cagagaggac	agcctgatcc	ttgttatgaa	50280
cacagataaa	aatggggtaa	actatatgcc	aaactcagat	accaaaacc	taaataagat	50340
gctagcttat	tgatgtgaac	aatccaaaag	tgcattttaa	attagcccag	ggtttttagag	50400
aaagaaaatc	tagcaatgtg	accaccactt	atgttaacaa	ttttaagacg	aaaatctaca	50460
tgatcatatc	aatgcatgct	acacaaaagc	atttgggcaa	aaaacccaac	accaccctt	50520
gactttttta	actcttagta	attaggcata	aacagaaatg	tacttaatgt	gatagaatac	50580
actcgggtgaa	gatacagagg	gaatgctccc	taaaaccaag	cccaagacaa	agattcctat	50640
ttaacctcaa	tagtcaacac	tgtagcgaga	gtaatctatg	gaagacaagg	aaaaaagtaa	50700
aaacatgaga	gacatctggt	gtttaacaga	caataagatc	acctacttgg	aagaggcaaa	50760
cgaatcaagc	gaaaaactat	taaaactgag	acaggcttta	gtatggaggc	tcagcttcag	50820
ctgtagtttg	ggctaccaaa	ttcaactcgc	ttgcttgagg	agttaatcct	gcaaagctaa	50880
tttctgttga	ggtattagga	ttgacaagcc	tgtgctcctc	cctcctcccc	catcttcaac	50940
actgaaataa	cacgggtggt	ggaactggat	aacagaatct	tccaaaaaca	aaaattgtcc	51000
tgaagggtctg	acttgtgccc	ttactcaaaa	aacactttat	ctgctgctg	cagctcctac	51060
agttgctggt	ggataagcct	gccaaccagc	tgggcgtaat	tcttctctga	gagggcaagg	51120
aagagcactt	tcacaggaaa	atttttttcc	gaactgtatg	ccgcttatta	cataaactta	51180
cgtgctggca	aatggagctc	cagcaaaaata	agatattcag	agtcaaactt	ccttaggaaa	51240
aaaaaaaaaa	aaaagcaagc	acataaacact	aatttctctg	catggggcact	ggggaaggag	51300
gtcgttactt	ccgcacgccc	gcaggtccgc	accaccggga	aaccacgagg	caccgcgcgc	51360
tgcccccg	ccttccaggt	gcactgcgc	gcggcgcccc	agctgacccg	ggatgcgcag	51420
ccctagccct	tcccctgtca	ccccggccag	gaagggggcg	gagcgcgccg	gacgcccagg	51480
gcgaagggtc	tctcggtcct	ctgcaccacg	cagcaccccc	aaggcacac	agggagggtg	51540
cgggagggtc	ccgagaccca	ggagccgggg	ccgggctgct	ccgcgcacct	gtcccactgc	51600
ggcgagggtc	ggggtcgctt	ccagggccgc	agctgtcggg	agccacctgg	ctctcagtc	51660
cgggtccctg	cgacaaccct	cgggcccggg	ggggaggagg	cggccacctg	ccgctgccac	51720
ctgcggcacc	ggtcccaccg	ctccggggcg	ggcaggacag	ggcgaagacg	ccctcctggg	51780
ctggggacag	gacacgcgac	gaggggacgc	gggcccccg	gacccccgcg	cagcacgcct	51840
tcccagaaag	gcagtcctgt	gccccacaga	cggactgccc	gacccccgcg	ctcgccccgc	51900
catcccttca	gaccacgcgg	ctgaggcgca	aagagccggc	cggcgggcg	gctggcgggc	51960
cggctagtac	tcaccggccc	cgctgggtca	gcgcgcgcgc	aacccccagc	ggccacgggt	52020
ccgggcgctc	actgatgctc	aggagaggga	cccgcgctcc	gcccggcgct	ccagccatcg	52080
ccgccagggg	gcgagcgcca	gccgcgcggg	gctcgctggg	agatgtagta	cccgaccgc	52140
cgctgcgc	gtcctccttc	agccggcggc	cgggggcccc	ctctctccca	gctctcagtg	52200
tctcatctcc	ctatctgctc	atcctctggt	cgcacataat	cgatgttttg	gcgtcccaag	52260
ccagatgtgg	accccatctc	cgcactctac	actggaggtt	ttctaagggt	ggtgcccgga	52320
ccagcagctt	cagcctcatc	tgggaaactg	agaaaaatg	gattctccgt	cccaccacgc	52380
ctattcggtt	tttctctgc	taaaaccatg	aaggtggggc	ccagcagtc	acattctcgc	52440
aagcccgtca	agtgattctg	aggcgccctc	cagtttgaga	gctatgctca	cggcctcacc	52500
tccgccccgc	aaggagcccg	gtcttgctg	tggcgctagc	cgcacacgga	cacctcatcc	52560

tgccggggccc	gcccccccg	tgcacccctca	ccgccccaacg	cctcctccgg	gatgcagcgg	52620
aggcgccctgg	aagtcggcaa	ggtcaacatc	ccctcagca	tcttccctac	cctcacggct	52680
cctcctccag	gggtgcctca	tggccagggg	ttagaaagag	ccactgtgtt	tcttgacatg	52740
gaagtggcct	aagaccttaa	tgaaaactgc	aggagtggaa	tgacagaacc	tttggtcata	52800
cttgagggcg	tgaagctcaa	atgaggagga	aggaaaggat	ccagggagaa	taaccaaccc	52860
tggcaagtgt	tggcgcccag	gtagaggggc	gagcctaggg	tagcggttct	cgaccagggc	52920
cgggtgttgcc	cctcctcgcc	gccccgcgta	catttgggga	ggtctggaga	catttttggg	52980
tgtcatgatg	cgggagttgc	tactgttgcc	taagtgggta	gacacgaggg	tgctcctcaa	53040
catcctacct	gaaggacagg	actgccccac	aaggaagaat	gatccggccc	caaataagaa	53100
accctgggct	ggtcagcaac	aaccctttt	ttctgagaag	agaggaggaa	agaataaaa	53160
aagtgggggtg	aagttttggg	ttggtagagg	aaacttgaag	acattttcac	tggaaaggaa	53220
gagaggaaga	ggaggagat	gtctgtaagg	acgagcaaac	cgggtgacag	ctgatttcct	53280
catattgaag	taatgagtc	tagttataat	aaattcctaa	taaaaaccca	gtttatccct	53340
gcaataaact	tgtctttttt	ttttaaatat	actgcttgat	tctgtttgct	aatattttat	53400
ttacaggctt	tgcattgata	tgcaaaaatg	agatgggcaa	taattttctt	tttgaatgtc	53460
taatgttggt	tggtttcaga	atcaatgtta	tgctcacatc	ataaaaaatt	tggaaccgag	53520
gcaggaggag	tgcttgaggc	cagaagttcg	agaccagtct	aggaaacaca	gtgagacccc	53580
cccatctcta	caaaaaaaaa	aaaagaaaaa	aaaatgggca	tgtttgcttt	ttccttttac	53640
tctgaacaat	ttaaggagca	ttaaaattat	ctattctttg	aggtttgatc	atttcccagt	53700
taaaaatgtt	cctcccagcc	tgatgctttc	tttggggagg	gtaaatcctt	taaggctaga	53760
aaagtttctt	ctgtggcaat	tttattatct	acatttttaa	aattattcta	gagttaattt	53820
tgataaagca	tgtatttctt	aaaacaaaat	atcctttttt	tccagatggt	caagtgtatt	53880
tgcataaagt	tgaggaaagt	agtcttttgt	gaatctttta	acttctccca	aatatcttat	53940
tttgtgtatt	tttgcttctt	tattttgtta	acttttaaaa	gtgtattttt	ttttcaaaga	54000
atcagctctt	aggtttatgt	ttttgggtat	actggagcct	ttttcttctt	ctttttaaaa	54060
tattttttct	cctttatatt	tttagacgtat	tttgatctaa	cgtaatcgga	agaaggtaaa	54120
ttagaatctt	ttgttactat	tgtgttttta	tttctcctta	tttctctgaa	gtcctgcttt	54180
ataaatagta	ccatgttatt	tgtgcataaa	tattcatttg	tcttatattc	ttgggaattt	54240
tcccacttca	tcataaaatg	accttccttg	tctcatttaa	tgtgttcaaa	ctttgccctg	54300
aattttaact	tgtctgatat	tttaccatcc	tgctgaattt	tgtttgttac	cccaaacaac	54360
ctttgctgtt	ttcgtctttt	ctgaaccctt	tatttttaggt	aatcccttga	attagagcac	54420
taagttttgc	tttgtgatta	aatctgaaaa	tctttatctt	gccatagatg	agttgagccc	54480
tattcatgtg	acagctatat	tatgctgttt	catagccctt	ttgggtcctt	tttcaactct	54540
gcattgcata	ttttgtgttt	attgtgtttt	gtgtttcttc	tgataatttg	gaaggtttgt	54600
atttttatct	agggagttgc	cttataatca	tactccgcaa	tacacatcgt	cctcagtttc	54660
ttcagactgt	ctgttaactc	cctattctga	ataaaaaatga	cattgttaatt	tccctctttt	54720
ttcttttacc	cttttcttct	cctcacctaa	tgtaaatgat	tttatccttc	tttagtattt	54780
gcttttttaa	ttaactacat	ttataaatat	ctttatcact	tgatttttaa	atcagctttg	54840
aatgagatat	ttggattcct	agatataaaa	gatgttaatt	ataccatttc	cacgttagta	54900
ggtttatata	atcatacatt	ctgctgtgta	accataatcc	cacgtttgtt	ttagttccac	54960
tcctacagtt	aaaagattca	gaagtattat	taacagttat	tttgccatag	ttttttcccc	55020
aaccattttt	gtggttaagt	atgatcctgc	tttagtttct	taagaataat	ttatagagca	55080
gagtgtggtg	gctcacgttt	gtaatcccag	cactttggga	gacaagaggt	agaaggatcg	55140
cttgaagcca	gcagttcaag	accaccctga	gcaacatagt	gagaccttgt	ctctacaaaa	55200
aatttttaaaa	tttagccaga	cgtagtgggc	tgtgcctata	gtcccagcta	ctcaggaggc	55260
tgaggcaaga	ggattgctag	agcccagaa	tttgaggctg	cagtgccttc	tgattgtgcc	55320
actgcacccc	agtctgggca	agaaagtgag	aacctatctc	tttaaaaata	caataataac	55380
ttatgaaaat	tatattccct	gagtttttca	tgttttaaaa	tattttgttg	ctttatcctg	55440
taaaagtttg	agtataaatt	cttgggttat	actttattta	ttgaagaatg	tataagtatt	55500
gtcttctaga	attgagtgtt	gctgtaatga	aaccagaagt	cagcctgggt	tatttttctt	55560
cagaaatgag	gtaattgccg	gccggacacc	gtggctcatg	cctgtaatcc	caacactttg	55620
ggaggccgag	acaggtggat	cacgaggtca	ggagattgag	accatcctgg	ctaacatggt	55680
gaaaccccg	ctctactaaa	agtacaaaaa	gttagctggg	catgggtggg	gacgcctgta	55740
atcccagcta	cccgggaggg	tgaggcgagga	gaatggcggtg	aacctgggag	gaggagcttg	55800
cagagagctg	agatcgcgcc	actgcactcc	agcctggggc	acagagtga	actccgtctc	55860
aaaaaaacaa	aaaaaaaaca	aagaagtga	gtaattgcca	tgatgctcca	agaatttatc	55920
ctttgtctat	gaaatccaga	aatctcactg	ttatacatct	tgggaattatt	attctggggc	55980
aatatttcct	gggacacaat	agattgactc	tatagattta	attttttttt	tttttttgag	56040
acagagtctc	actgcaatct	cagcttactg	caacctctgc	ctcacgggtt	caagcaattc	56100
tcctgcctca	gcctcccaag	tagctgggac	tacaggcgcg	tggcaccatg	cctgggctaat	56160
ttttgtcttt	ttagtagaga	cagggtttca	ccatgttggc	caggctgggtc	ttgaacgcct	56220
aacctcaagt	gatccacctg	cctcagcctc	ccaaagtgct	gggattacag	gcgtgagcca	56280
ccatgcccag	cctcaattcc	tctttctate	tggttaatttt	tctgaagtgt	aaaacatttg	56340
ttctaatacg	ttatttcagt	gttcttctaa	gatgtgtaaa	gcacccattt	cccagggtcag	56400
cccccatctt	gctagtgagc	tcgggtgggt	cttcacaaga	gctctgggtt	tctcctgctt	56460

aatctcaagt	acctctgtca	gcctccacct	ggtttatgat	ttggagtttt	ttggttttttg	56520
ttttttgttt	ttgacagagt	cttactctgt	cacccaggct	ggagagcagt	ggcataatct	56580
cagctcactg	caacctctgt	ctcccagggt	tgagcgattc	tcctgcctca	gcctactgag	56640
tagctgggat	tacaggcgcg	tgccaccaca	cccggcta	ttttgtat	ttagtagaga	56700
tgggggtttca	ccatgttggc	cagggtgggc	ttgaactcct	gacctcaggt	aatccacctg	56760
cctcagcctc	ccaaagtgt	gagattacag	gcgtgagcca	ccgcgcctgg	catggttttg	56820
agttttaatc	tgtagtttta	ataaagatag	tgcttatgtt	tgtgtttctt	atatttcttg	56880
gtactcttgg	gtaatttgta	agatcccat	atctacacaa	gaagtccatt	ttcaattctt	56940
ttcttcagac	tgtttatatt	attttatatt	attttatatt	tatgtttgag	atggagtctc	57000
gctgtgtcac	ttctggaggc	tggagtgcag	tggcgcgatc	tcaggctcact	gcaacctccg	57060
tctcccgggt	tcaagcaatt	ctcctgcctc	agcctcccga	gtagctggga	ttacaggcac	57120
ctgccacttt	ttaatttttt	tagagacaga	gtctcgcttt	gttgaccagg	ctggagtgcg	57180
gtggtgcaat	catggctgac	tataacctcc	aaatcctggg	ctcaagtgat	cctcctgcct	57240
cagcctcctg	agtagctggg	actacaggca	catgccacca	tgcccagtta	attttaattt	57300
ttttgtagag	acagggtctc	catatgttgc	ccaggctggc	ctcctactcc	tggcctcaag	57360
taatcctcct	acctcagcct	cccaaattac	taggattata	agcatgagcc	accatgccc	57420
gccttgttct	actactttta	tttcatatgt	taggtgacca	tgtaattgat	catccaaacc	57480
aggatactgt	aagaatgaaa	gaggctgaca	gtagtatgat	gctgggacta	gcattgtgca	57540
ctgagattat	ttctgggaaa	gcaggagata	cggtcaccct	acttatagt	tgcttgtctt	57600
tggattgttg	aatttggagt	ttctatttgc	aggcttattt	caactgggca	gccttgatcc	57660
gccctgccca	gcaatgctac	cgttctctcc	accgggtctc	tgggacctcc	tcagtcacta	57720
tacttagctc	agttccccac	cctcccactc	cctaaaagcg	taaccaggaa	tcctgcctca	57780
ggtctactgc	cgtcttccgt	gggtgtttc	agttcctatt	accagagtc	aaactcccag	57840
cattccctac	ctgattccag	acttggagtc	cagagcttta	acctcttcag	gccaactccc	57900
cactttgcat	ttctgtccct	atatcttagt	ccatggagat	acatttcatg	tctttgagtc	57960
tacttacaaa	gtaaattttg	ctgtttttta	attttttttt	tgagatggag	tcttgccctg	58020
tcacccaggc	tgtggtgcaa	tgacgccatc	tcggctcact	gcaacctccg	cctcctgggt	58080
tcaagcgatt	catctgcctc	agcctcccaa	gtagctgtga	ttacagacag	gcaccaccac	58140
gccagctaa	ttttttttat	cttttagtag	agacagggtt	tcacatgtt	ggccaggctg	58200
gtcttgaatt	cctgacctcg	tgatctgccc	atctcgccct	cccaaagtgc	tgagattaca	58260
ggcgtgagcc	actgtgcccc	gccaattttg	ctttttttat	atttcattgc	tatatgttta	58320
gaggataagt	ttacagtgtc	atatgcattc	ccaaatatta	gaccaaataa	atctccaaaa	58380
aattagaaag	aaaatccaaa	aaatctcaaa	aaataccaaa	aagcaacaat	ctcacagacc	58440
atactcactg	accccccaata	aaataaaaatt	agaaattaac	cacaacttaa	caaaataaag	58500
tactcaagtc	agagaggaaa	gaggaaataa	acatcaaaat	tacaaagtct	aggcgggtggc	58560
tcacgcctgt	aatcccagca	ctttggggagg	ccaaggcggg	cagatcacaa	ggtcagggaat	58620
tcgagaccag	cctggccaat	atggtgaaac	cccgtttcca	ctaaaaatac	aaaaattagc	58680
caggcatagt	gatgtgtgcc	tgtaatccag	ccacttggga	ggctgaggca	ggagaatcac	58740
tgaacccagg	gagacgaaga	ttgcagtgcg	ccaaaatcgt	gccactgcac	ttcggcctgg	58800
gtgacaaaagc	gagactccat	ctcaaaaaaa	aaaaaattac	aaactcttta	gatagaaatt	58860
ttggtgtttt	tttttgagac	ggagtctcac	tctgtcgcag	aggctggagt	gcagtgggac	58920
tatgtcagct	caccgcaacc	tccatctcct	ggattcaagc	aattctcctg	tctcagcctc	58980
ccaagtagct	aggattacag	gcgcccacca	ccagaccag	ctagttttta	tatttttagt	59040
agagatggtg	tttcaccatg	ttggccaggc	tggtctcaaa	ctcctgacct	caagtgatcc	59100
acctgcttca	gcctcccaaa	gtgctcagat	tacaggcggtg	agccaccgca	ccccacctag	59160
atagaaattt	caacatgagg	ccgggcacaa	tggctcacgc	ctgtaatctc	agcacttcag	59220
gaggctgagg	cgtgggagga	tcacttgggc	ccaggagttc	aggaccagca	tgggtgacag	59280
agacagacc	tgtctctatt	tatttgaaaa	aaaaaaaaaa	aaagagagag	agaaagaaat	59340
ttcaacatga	aaagtatctc	tcaaaccctt	cgagatgttg	gcaaaaagcg	actcaaagga	59400
aaatgtatta	ctgtgtgtga	atttgcttga	aaataagaaa	gaggccgggt	gtggtggcta	59460
acacctgtaa	tcccaacact	ctgggagtc	gaatcaagtg	gatcatgagg	tcaggagatc	59520
gagaccatcc	tggctaacat	gggtgaaacc	tgtctctact	aaaaatacaa	aaaattagct	59580
aggcgcgggtg	gctcatgcct	gtaatcccag	cactttggga	ggctgaggca	ggtggatcac	59640
ctgaggctcag	gggtttgaga	ccagcctggc	ctacatgggtg	aaacctcgtc	tcttctacaa	59700
atacaaaaat	tagctgggag	tggtggtggg	tgctgtaat	cccagctact	cagaggctga	59760
ggcaggagaa	tcgcttgaac	ccgggaggcg	gaggttgccg	tgagccgaga	tcgcaccact	59820
acactccagc	ctgggcaaca	gcctgggtga	cacagtgcga	ctccatctca	aaaaatacaa	59880
aaaattagct	gggtgtggtg	gcctgcgcct	gtagtcccag	ctaccgggga	ggctgaggca	59940
ggagaatgga	gtgaacctgg	gaggaggagc	ttgcagtgcg	ccgagatccc	accactgcac	60000
tccagcctgg	gcgacagagc	aagactcttg	tctcaaaaaa	aagaaaaaaa	aaggaaaaaa	60060
gaaccttgat	aataaagaaa	ccaaatgttc	aactctcaaa	gctcggacac	tttaaagaaa	60120
taattaataa	aggcagaagt	taaagggagg	atgataaagc	aatttttttt	gttgggtttt	60180
ttgagatgga	gtcttgctct	gtcaccagc	ctggagtgc	gtgatgcgat	cttggctcac	60240
tgcaacctct	gcctcccggg	ttcaagcaat	tctcctgcct	cagcctcctg	agtagctggt	60300
actacagggtg	cgcgccacct	ggcccagcta	atttttgtat	ttttattaga	gacgggggtt	60360

caccatattt	gtaggctgg	tctcaaactc	ctgatctcag	gtaatctgcc	cacctcggcc	60420
tctcaaagtg	ctgggattac	aggcaggcgc	caccgcgcct	ggcctaaagc	aaaatattgg	60480
ttctgtgcaa	aaggtcaata	aaaagagcaa	acgtttacaa	actggagcca	gcacccattc	60540
agctcagtgt	gtctggagaa	aaaacaatct	cgcttcagaa	ttcatgatta	cgcagccctt	60600
tttgcttcct	aaaaatccta	ctatgttgct	gttgaccatt	ctctctcttt	ctctctctct	60660
tgctttctct	ccagaaaagc	tattcagaca	ttctcctctt	tcctcaaacc	tccaacactt	60720
cctcctccat	ccttagcctc	agctgctgac	ctcacttcta	atcattgaga	aaccaggaga	60780
agcattttaag	agtgaacctc	cgctcccccg	cacgggcaaa	accacccacc	cacagaattg	60840
tgccccaatt	ctgcgtcctc	tcctctcacc	atggatggac	ggtccaggct	ccgagccaaa	60900
gccaggcctc	ccctggagct	ctggatccac	cacctgcagc	ttctcaggca	gggccccagc	60960
agctcccctg	ctcccttgta	ccatcaatcc	ctccccctac	tgggtcactc	ccaacaatat	61020
atatatttag	tgatgtttct	cccatgtggt	aaaatcactt	agcctctctc	ctcccccagc	61080
tactatccta	tttggtttctt	tccattctct	gcaaaacttc	tcaaagcatt	gtgtctatgt	61140
gctgactcca	tttatcttct	cccgttctct	gctgagtcct	tcccacagac	tctcacccca	61200
gttactccat	gaaatgacct	ctgcactgcc	acatccaatg	gtgaatgttc	agttcttaat	61260
tttattcagt	ctttcagcag	catttgacct	ggccgatcac	tcctcttctt	taaaaatact	61320
tttctcagcc	aggcgtgatg	gctcacacct	gtaatcccaa	cactttggga	ggccaaggcg	61380
ggaggatcat	gagagcccag	gagttcaaga	tcagcctggg	caacatggca	agaccctatc	61440
tctacaaaaa	ctaaaaagta	gccagtgtga	tggcatgcac	ctgtagtccc	atctacttag	61500
gaggctgagg	cagtaggatg	acttgagcct	gggaaatcaa	ggctgcagtg	agccatgatt	61560
gcaccactgc	actccagcct	gagtgcagac	gagaccctgt	ctcaaaaaga	caaaatagga	61620
aacttttctc	agcatattcc	tctgattctc	ctgctgcttc	tgtctgcaca	gattcagtct	61680
cctttgcccgg	ttcttctctc	tcctcctgat	ctcttgacct	tgaagtgcc	cagagtacag	61740
tctttttttt	tttttttgag	acgcagtctc	gtctgtcacc	caagctggag	tgcaatggcg	61800
aggtctcagc	tcattgcaacc	tctgcctcct	gggttcaagc	gattctcctg	cctcagcctc	61860
ccaagtagcc	aggactacag	gcacatgcca	ccatgcccag	caaattgttg	tatttttagt	61920
agagacaggg	ttttactata	ttggccacgc	tgggtctcaa	ctcctgaact	cgtgaaccac	61980
ccgcctcggc	ctcccaaagt	gctgagatta	caggcatgag	ccaccacacc	cggcccagag	62040
tacagtcttt	agacggcctc	tctacctata	cttgctcccc	tcataaactc	ctcctgcctc	62100
atggctttta	ataccatcgg	tagactgatg	actcccatat	ttctcttttt	tttttgagga	62160
cggagtctcg	ctcagtcccc	caggctggag	tgcagtggcg	cgatctcggc	tcactgcaag	62220
ctccacctgc	caagttcaca	ccattctcct	acctcagcct	ctccagtagc	tgggactaca	62280
ggcacccgcc	accacgcctg	gctaattttt	ttgtattttt	agtagagatg	gggtttcacc	62340
atgttagcca	ggatgggtct	gatctcctga	cctcgtgac	cgcccatctc	ggcctcccaa	62400
agtgtctggga	ttataggtgt	gagccaccgt	gcccagccga	tgactcccat	atttctatct	62460
cttgctgtgt	gggagttctc	ctcagaactc	catactcata	aatccaactc	tcataaatag	62520
tatctcaaata	gggcaatatg	ctcaaaagtc	aattcctact	tttctcccta	aacttgcttt	62580
cctgcagtct	ccaccatctt	aatgtccaat	ctaaccattag	gaggcaaaaa	ctttgaagtc	62640
attcttgact	cttctctatt	acacacccta	tccaatcttt	ctgcagatcc	agtcgacccc	62700
caaataccagt	tagctctcat	catctcccct	gttaccctct	ggtccaggcc	atcttctctt	62760
ctcacctgaa	tcactgcagc	attctcctca	ctgggtctct	tgggtctgtt	ttcactccac	62820
cttagcatag	tctccacaga	gcagtcagag	ggatcctttt	aaagtgtaat	tcccatcctg	62880
tccttgctct	gctcaaaaacc	ctgtcgtgat	tcccgtttta	atctgtcaga	ttaaaagcca	62940
gagtctttcc	agtgcacctac	atgatctgcc	tattatcacc	tcccacttct	ttccccttgc	63000
tcactccact	ccagctctgc	agctgtcctt	tctgtttcct	gaacagccca	gattttgtct	63060
ctttagaacc	tttgatattg	ctgtcccttc	tgtctggaat	gtttttccag	gaagtcacct	63120
ggctctctcc	tgcacttctt	tcctgaccac	catgttttaa	aatcactcaa	acacacttca	63180
ggccggacat	ggtggctcac	gcctgtaatc	ccagcacttt	gggaggccaa	ggtgggtgga	63240
tcacctgagg	tcaggagttc	gagaccagcc	tggccaacat	ggtgaaactt	cgtctctact	63300
acaaatacaa	atagtagcca	ggtgtagtgg	cacacacctg	taatctcagc	tactcaggag	63360
gctgaggcag	gagaatcgct	tgaaccacga	aggcagagga	ggtgcagtga	gccaagatca	63420
cgccacaaca	ccccagcctg	ggtgacagag	caagacccca	tctcaaaaaa	aaaaaaagaa	63480
aaaaaaatca	cacaaacaca	cttctcttca	tattcctttt	ccaagtttta	tttttctcca	63540
gaatacttta	cattgtttta	atggaagtgc	tccgtttccc	cccaactaga	atggatactt	63600
cctgcaggta	ggcactctag	tcctcccctc	caagtactaa	ccaggctcaa	ccctgcttag	63660
cttctgagag	caggggagat	caggcctggt	caggggtgga	tggcccagga	attttgattc	63720
tgttttatct	attgctgttc	tgttgattct	cttttggttc	tcctcctagt	gctgagaaca	63780
ctacttgtag	ataataagca	ttcaataaat	atttggtgaa	tgaatgactt	gttgaatgaa	63840
ttaatctcag	aaatgcagga	ctgggtctac	attagaaaat	ttttcaagggt	cattctctgt	63900
tgctcgtaaca	cattaagaga	ggaaaatttt	gtactctaaa	tcatttgata	aaatacatat	63960
tgattttctgt	tttcaaaaac	tcttagtggt	tgggcgaggt	ggctcacatc	tataatccca	64020
gcattttggg	aggacgaggt	gggaggatca	cttgaggtca	ggagtgtgag	accagcctgg	64080
ccatcatggt	gaaaccctat	ctctactgaa	aatagaaaaa	ttagccgggt	gtggtggcgc	64140
atgcctgtag	tcccagctac	ctgggaggct	gaggcaggag	aatggcttga	acccgggagg	64200
cggagggtgc	agtgcagcaa	gatcatgcca	ttgcactcca	gcctgggtaa	cagagtgaga	64260

ctccatctca	aaagaaaact	cttagtgagt	ttaggaatcc	aaggaagacc	ctcaaactaa	64320
atagataatc	tagctaccag	aagccttcag	taaaccttaa	cactccatgg	tgaaacatta	64380
gaaacattcc	tactaaaaga	caggctaaga	atgcctgcaa	tcttcacggc	tagtccaaga	64440
agtcaaaaag	aagaaatgag	cgctgattta	aaaaaataaa	caaacaaaaa	actaccgatg	64500
cagaggctgg	cagcaaggac	tgaaggactg	tacagtactt	gcctggagca	ggcggatggc	64560
cacacccctg	cgaagcctgc	tcagctggct	gggggacgct	ccagtgtgtg	agtggcagga	64620
tgcaggggtac	ttcctctgcc	agggagtgtg	actggggaga	tcctccccc	ctcacacttt	64680
ggcagctggg	gcttttgaat	gtgacttagc	ttctgtcaaa	gggtcaatcc	accctttgat	64740
atatgatgca	aaggcgaaca	tatgatgcaa	aggtgagaga	acagcccaaa	ttaggacttt	64800
taccacagct	gtggaggtgg	acagcgacag	tgggtggccc	tggccagact	tttcatgctc	64860
aaaggtgggtg	gttgttcttc	ctacttcttg	tcctccagg	gcttcctttg	cctgtgtgct	64920
gaacctgctt	cttttaattt	tttttaactt	ttttaaattt	ttaattgttt	taattaaaac	64980
aaattttgaa	aactgtctga	acctgctttt	gaacctgct	atgatttgaa	tgtttgtccc	65040
ctgccaaact	gattttgaaa	cttaatctcc	aaagtggcaa	tattgagatg	gggctttaag	65100
cagtgactgg	atcatgagag	ctctgacctc	atgagtggat	taatggatta	atgagttgtc	65160
atgggagtgg	catcagtggc	tttataagag	gaagaattaa	gacctgagct	agcatggctg	65220
ccccttcacc	at ttgatatc	ttacactgcc	taggggctct	gcagagagtc	cccaccaaca	65280
agaaggctct	caccagatac	agctcctcaa	ccttgtactt	ctcagcctct	gtaactgtaa	65340
gaaataaatg	ccttttcttt	atgaattacc	cagtttcaga	tattctgtta	taaacaatag	65400
aaaacgaact	aaggcaaact	ctcatgattc	tactgccatg	ccattccaat	aaactccctt	65460
tatgcttaag	agagccagag	ttggccaggc	gtggtgactc	acgctgtaa	ttccagcact	65520
ttgggaggcc	gaggcagggtg	gacacaaagg	tcaggagatc	gagaccatcc	tggctaacac	65580
ggtgaaaccc	cgtctctact	aaaaatacaa	aaaaattagc	tgggcgtggg	agtgggtgcc	65640
tgtagtccca	gctactcggg	aggctgaagc	aggaggagaa	tggcgtggac	ccaggaggcg	65700
gagcttgacg	tgagtcgaga	tcgtgccact	gcactccagc	ctgggtgaca	gaatgagact	65760
ccgtctcaaa	aaaaaagaga	gccagagt tt	atttctgttg	cttgcaacca	agaaatctgg	65820
ctgggtgcact	gaagtttcca	taaataatag	caattttaaag	actctttcca	agccaggcaa	65880
tgcctagcct	tgtgtagtcc	ttgtggtaat	acattcattc	attcatttgt	tcaaccaact	65940
gtgctccaga	gactaagaat	acaaaaatgg	gggccgggtg	tgggtggctca	cacctataat	66000
cctagcactt	tgggaggccg	aggcaggtag	atcacctgag	gtcaggagtt	cgagaccaac	66060
ctggccaaaa	tgggtgaaacc	cctactctac	taaaaataca	aaaaattagc	tgggggtggg	66120
ggcggacacc	tgtaatccca	gctactcgtg	agactgaggc	aggagaatca	cttgaacccg	66180
ggaggcagag	gttgcagtga	gccgagatcg	caccactgca	ctccagcctg	ggcaacaaga	66240
gcgaaactcc	acctcgaaaa	aaaaaaaaaa	aaaaaaagag	ggccgggggt	gggcgcagtg	66300
gctcacgcct	gtaatcccag	cactctggga	ggccaaggca	ggagaattac	gaggtcagca	66360
gatcgagacc	agcctgacca	acatggtgaa	accccatctc	tactaaaaat	acaaaaatta	66420
tccgggctgtg	gtggcgacaca	cctctagtcc	cagctacttg	ggaggctgag	gcaggagaat	66480
cgcttgaacc	cgggaggcag	aggttgcagt	gagccgaaat	catgccactg	cactccagcc	66540
tgggtgacag	agtgagactc	cgtctcaaaa	aaaaaataaa	aaaaaaaata	gaattcaaaa	66600
attgtagagt	tatagtgtgc	ttctagttta	gttgagagga	catctgtcct	tcaaggaagg	66660
ctagaatcta	taccctgagt	ccttactgaa	atcaatccag	cagtcaaaac	atgggaccaa	66720
cgatcacagc	agtaagatag	gaagagcacc	tttgtacatt	tagctcatgt	tgagataagc	66780
cactgacaga	gctgaaggaa	gctcacagtt	ctgggttcca	tcctttggca	tttaaaaaga	66840
aaagtgctaa	gaaaattcgg	ttggtcacgg	tggctcacgc	ctgtaatccc	aacactttga	66900
gaggccaagg	caggcagatc	acgaggtcag	gagttcgaaa	ccagcctggc	caacatgggtg	66960
aaaccccgctc	tctactaaaa	acagaaaaat	tagccgggca	tgggtggcgca	tgcctataat	67020
cccagctact	caggaggctg	aggcaggaga	attgcttgaa	cccgggagggg	ggagggttgca	67080
gcgagtgaga	gcaggccact	gcactccagc	ctgggagaca	gagcaagact	ctgtctcaaa	67140
aaaaaaaaaag	aaaaaaagaa	agaaaggaaa	aaaagaaaga	aaaaaaaaga	aaaaagaaaa	67200
ttcaggccag	gccaggcctg	gtggctcaca	cctgtaatcc	caacactttg	ggaggctgaa	67260
gcgagacggt	gccttagccc	aggagt ttga	gaccagcctg	agcaacatag	cgagaccctg	67320
tctctataaa	aaaaaatttt	tttttggcca	gacgcagtgg	ctcacgcctg	taatcccagc	67380
actttgggag	gccgaggcag	gtggatcacg	aggctcaggag	atggagacca	tcctggctaa	67440
cacggtgaaa	ccccatctct	actaaaaaat	acaaaaaatt	aaccgggcgt	ggtggcgggc	67500
gcctgtagtc	ccagctactc	gggaggctga	ggcaggagaa	tggcgtgaac	ccgggaggcg	67560
gagcttgacg	tgagccgaga	ttgcgccact	gcactccaga	ctgggagaga	gtgagactcc	67620
gtctcaaaaa	aaaaaaaaaa	aaaaaaaaaat	taattgtcag	gtgtgctggc	atgcagctgt	67680
agtcctagct	actcgggagg	ctgaggtaag	aagatcgctt	gagcccagga	gttcaaggct	67740
gcagtaatag	tgcctctcac	tctaccctgg	gtgacaatga	gaccctctct	caaaaagaaa	67800
gaaaaaagg	aaagaagaaa	agaaagaaa	aaagagaaga	aaggaaggaa	gaaagaaaga	67860
aaaagaaaag	gaaggaagga	agaagaaaaa	aaaagaaaga	aagaaaagag	agagaagttc	67920
aaagaccaa	gggtcaggat	cccaaaaatag	tttttatgtt	ttattttatt	atttacttat	67980
ttatttttga	gacagtatgg	ctctgtcgcc	caggctggag	tgcagtgatg	cgattgcggc	68040
tcactgcagc	ctccaaactg	ggctcagggtg	gcctccccac	ctcagcctcc	cgagttagctg	68100
ggaccacagg	cgcgtgccac	catgccccagc	taatttttta	attctttgta	gagatgaggt	68160

ctctatatgc	tgcccaggct	ggtctcgagc	tcctggggctt	aagccatcca	cccgcctggg	68220
cctcccaaag	tgctgggatt	acagaagtga	gccaccgcgc	ctaatacgggt	ggtttggttg	68280
tttattgacg	gggtctcgct	gctgcccagg	ctggagtgcc	agtggctggt	cacagggtgca	68340
gtcctggagc	attgcatcag	ctcttgggct	ctagcgatcc	tccagagtag	ctgcagctgg	68400
gattccaggc	gcgccaccgc	gcggggctca	gaatgggttt	ttatataggag	ggttatgctg	68460
ccacctagag	gatatatgta	gtaccgaact	gtgtgcgcag	ggaggctgag	gttgcagtga	68520
gccaagatga	tgccaggggca	ctccagcgtg	ggtgacagag	caagatttca	tctcaaaaaa	68580
aaaaaaaaaa	aaaaaaaaaa	aagaattgaa	agtaagggtct	tgaagagata	tttgtgcctg	68640
tatgggtcata	gcagtattaa	ctttgaccca	ctagctaaaa	cacaaaagca	acatgtgtct	68700
gtcagcagggt	gaacggataa	acaaaatgtg	gtatatatgt	acaattgaat	attattcagc	68760
ctttaaaaag	gaataaaaagg	ctggatgcgg	gggctcacgc	ctgtaatcct	aacactttgg	68820
gagactgagg	tgggtggatc	acccgaggtt	aggagtgttg	gaacagcctg	gccaacatgg	68880
tgaaacttca	tctctactaa	aaataactaaa	attagccggg	catgggtggca	cttgtctgta	68940
atccaagcta	ctggggaggc	taaggcagga	gaattgcttg	aactcaggag	cgggaggttg	69000
cagtgagcta	agatggcacc	actgcactcc	agcctgggca	acagagtgag	actccatctc	69060
aaaacaaaca	aacaaaaaat	tattatttcc	aaagaaacaa	gaccctgggt	ccatttccca	69120
gcccacacct	gatgttgact	cacaacacac	agcctgggtt	gctatgagcc	tgcttcattt	69180
aattgtcacc	ttaacttcac	atcacctca	agtcctggaa	taactctttg	ctgacctttg	69240
tgtgctgagc	catctccatg	tcgctcaacg	tgcagtcctt	ctcactgcac	tgagtcaata	69300
gccagacgtg	gtctgactgc	agggtcatcc	ttgggtggctt	aggctgactc	gggcatagca	69360
gggtgctctg	agacctcacc	gcataatagg	tttgccccc	ataaactcta	tataatatct	69420
atattatgtg	gtctgggtgt	gtgtagcttt	gcactgtctt	ctcgtgacag	tgccctcaac	69480
ctctttccca	ggatttctct	ctctacctcc	tcaagtccca	ctgctctgca	aagaccaaaa	69540
gctgcagagt	cccagctccc	tccttttacac	cccacgacgc	agcctcctct	ctcagaaccc	69600
tttaaacaga	gtcttttact	gcagatccca	agaacagcca	cacccctctc	tcccacccac	69660
tccagacaca	cccaggtaat	tatagcacc	agggttaacta	tgtagatgga	gtccctggaa	69720
catgtggata	gtgccccctg	ggagtatgca	aaagcaacat	tgctggcacc	tgacagagaac	69780
agggtgacat	ccaggaatca	gagcatgggc	ctctgggagg	tagggatgtg	gccaggcagg	69840
ctgccccaaa	ttggtagagc	aaggccacag	gatctttctg	accttccttc	caaacagagg	69900
ctcctgtact	gggtgatccct	gtgttgattg	accactccct	tcctgggggt	cgtgggtctct	69960
gtcccagttg	cccggacttc	tgtgagtgtc	ctactgaggt	ccttttcatg	agaagcatgc	70020
tgtecttcca	cctgctggga	gcaagagtga	caacttcaat	actataatag	cagtggcata	70080
cagagaagaa	gaaagatgaa	gtggcaagaa	aaacagggtt	ccaagcagga	gtttttctat	70140
aaaaacaaaa	acgtttacaa	gcaaactttt	tataaagggc	tagatagtaa	atatttttagg	70200
ctttgagagc	cacatagact	tgtttgacag	gactcaatgt	cgctattgta	gtttgaaagc	70260
agccatcagg	gttatgtaaa	tgagtgagtc	tgattttggt	tcagcaaaat	tttattttacc	70320
aaaacagaca	atgagtgggc	tggatttggc	ccatgatcct	tagtttgcca	actcctgctt	70380
tgggctcacc	cagatctgat	tttgaattct	ggctctgcta	ctgggttagct	gcaggagctt	70440
ggaaggctct	ctgagcctgt	ttcctcatct	gtaaaattaa	agcaataatt	tctaactactc	70500
aagagtgtta	cctcacgcct	gtaatcccag	cactttggag	gctgaggcag	gcggatcacc	70560
tgaggctcaga	agttcaagac	cagcgtggcc	aacgtggcaa	aaccctgtct	ctactaaaaa	70620
atacaaaaag	tagccggggca	tggtggcgcg	catctgtaat	cccagctact	tgggaggctg	70680
aggcagggat	actgctagaa	cctgggagggt	ggagcgtgca	gtgagtggag	atcacacctc	70740
cacactccag	cctggccgac	agagcgagac	tccatctcaa	aaaaaaaaaa	aaaaagagtg	70800
ttagaagggt	ttgagataat	gaataaaaaga	tgcttgtgtg	atactaagta	ttcaacaact	70860
gatagctgca	ttgggtcta	tataacagtt	tagaagcgat	tgagtcaaca	aatgctggat	70920
ttgtcagggg	ggacttccta	tcaggaggta	gatcttgggc	tgagtcctga	agcaaagata	70980
ggcattggat	agaggagtgt	agagaacacc	ctaggactgt	tattattatt	attcgacacg	71040
gagtctcttg	ctctgtcacc	caggctggag	tgcagtggcg	cgatctcggc	tcactgcaac	71100
ctctgcctcc	cagggtcaag	cgatttctct	gcctcctaag	tagctgagac	tacagggtgtg	71160
tgccaccaca	cccggcta	ttttatatatt	ttagtagaga	cagagtttca	ccatgttggc	71220
catgctgggt	tcgaactcct	gacttcagggt	gatccacccg	cctcagcctc	ccaaagtgtc	71280
ggaataacag	atgtgagcca	ccgcacccag	cccagaacca	tttttcaatc	cttggctctg	71340
ccttttatta	gctgcaagat	ctcaggcaat	ttattttaacc	tctccaaaga	ctcattttct	71400
cattcacaaa	atgaggcaaa	taataaatatc	tactatccca	ggttgtcatg	agaattaaat	71460
gcaacatgac	atttaattgaa	atgagaagtc	ccttggacat	taactggcta	aagtatgtgc	71520
tcgacaagga	tatcatttta	ggtggatact	tagcatctca	gaactgatgc	tcacaatgga	71580
atatcattga	aacgcattaa	aattcatttt	aaatgattgt	aggtagtgag	gcaattgaaa	71640
gaagaagaca	agaggactga	ttataatgct	tcaggctcac	tagtctcctt	ttaggaggga	71700
aaaacaattt	caagttaaat	tttaggctct	agatttttac	cctgctgct	cattagaatc	71760
acccagattg	atgaaatcag	agcccatctg	aggctgtgtt	tttcatctcc	agaatgagag	71820
ctgttgtggg	gattaaagttt	ttgaaaaagt	acatctaaca	gggtgatcgaa	aatgatagtg	71880
atattattgc	agtgatggtc	attattgttg	ttattattat	actgaaagag	gcttcagttt	71940
tctgatccat	aaagtgaggg	aattgcatga	gaccattgct	aagattcctt	ctagctctgt	72000
ttttttgttt	ttgtttttta	gacagagtct	ctgtcgccca	ggctggagtg	caatggcatg	72060

atcttggtc	actgcaacct	ccgcctccc	ggttcaaagt	atcctcctgt	ctcagcctcc	72120
gaagtagctg	ggactacagg	cacacaccac	catgcccagc	taacttttat	atctttaata	72180
gaggtgggt	ttcaccatat	tggtcaggct	ggctcacaac	tcttgacctc	aggtgatcca	72240
ccgcctcgg	cctcccaaca	tgtctgggatt	acaggcatga	gccactgtgc	ccaaccctt	72300
ctagctttct	tgatcactga	ttctagggtt	ctctgctgaa	atataattga	gacatcctgg	72360
ataaaagatc	atgcaagagc	tcccaatatg	gtattaataa	ttgattctgg	aggcttagct	72420
actcctgatg	gattagacat	gactcaactg	cctctcttat	gtgtacaaca	caacaacaca	72480
accaagaaag	gttattcttg	cattccattt	attcagttta	tttacagccc	ttacttccag	72540
cagcacgtta	aagatatggc	cagggccggg	tgcagtggct	caagtctgta	atcccaggac	72600
tttgggaggc	caaggtgggc	ggatcacaag	gtcaggagtt	tgagaatctg	gcaattcttc	72660
agacttagaa	gcaaccagct	cgataacaca	gtcttgtgtg	ggctctccct	ctgtccctcc	72720
ctcgttccc	tcattttctca	tccctgcccc	tgagactgtg	caccttcaca	tagccctgcc	72780
atgagacctt	catctcaggg	tttgctttct	ggggttaactg	aggctaaaca	ctgagtggcc	72840
ctaaaagagg	attgggattt	ggaagttaga	ttattcacca	gagaacagac	tttgctgatg	72900
atcaggccca	ggttgtaatt	gttgaaaaaa	agagaggatg	catagtctta	tctcatctcc	72960
tagtcaaagt	caacaccatg	ataaataaga	gtcaaatacct	gagatgtgaa	ttggggacat	73020
ttgagtgggt	aaccctgaga	agcttgcacc	ttcagacccc	tcaatacccc	tgctccccag	73080
agaaggctgg	acattgacct	cagcacaggc	aggagccctg	caagatgcca	tttgtcctac	73140
taaagatgga	cccctccact	ctgtttctag	gtaaataacc	aaagtcaagt	ctccacacag	73200
cctgagcaag	aaagtccagag	cctgctacag	gagaaaatac	cacactggcc	aaaggattca	73260
ctagccctgg	ccactgtgtg	tgggagggaac	cagggaatca	tgtgtgggag	tcaatgttga	73320
agctgttgga	ctgggggtgg	gggtggaatat	aagcctggcc	ctggggagtt	tttcccgttt	73380
gagggccttt	accacaaact	caagatccag	tgctatagca	ggagatccca	gagctagtcc	73440
taacagatgg	tcaggattga	acttggccta	gagtaaaatg	aggaggatag	tgccagaact	73500
ttctcaacat	actattgagg	aagagggtcag	aaggcttaag	gaggtagtgt	aactggaaag	73560
gggtcctgat	ccagacccca	ggagagggtt	cttggacctt	gcataagaaa	gagttcgaga	73620
cgagtccacc	cagtaaagtg	aaagcaattt	tattaaagaa	gaaacagaaa	aatggctact	73680
ccatagagca	gcgacatggg	ctgcttaact	gagtgttctt	atgattatct	cttgattcta	73740
tgctaaacaa	agggtggatt	atthgtgagg	ttccaggaa	aggggcaggg	atttcccaga	73800
actgatggat	ccccccactt	ttagaccata	tagagtaact	tcttgacctt	gccatggcgt	73860
ttgtaaaactg	tcattggccct	ggagggaatg	tcttttagca	tggttaatgta	ttataatgtg	73920
tataatgagc	agtgaggacg	gccagaggte	gctttcatca	ccatcttggg	tttggtgggt	73980
tttgggccggc	ttcttttatca	catcctgttt	tatgagcagg	gtctttatga	cctataactt	74040
ctcctgccga	cctcctatct	cctcctgtga	ctaagaatgc	agcctagcag	gtctcagcct	74100
cattttacca	tggagtgcgt	ctgattccaa	tgctctgac	agcagggaatg	ttggaattga	74160
attactatgc	aagacctgag	aagccattgg	aggacacagc	cttcattagg	acactggcat	74220
ctgtgacagg	ctgggtgggtg	gtaattgtct	gttggccagt	gtggactgtg	ggagatgcta	74280
ctactgtaag	atatgacaag	gtttctcttc	aaacaggctg	atccgcttct	tattctctaa	74340
ttccaagtac	cacccccccg	ctttcttctc	cttttccctc	tttctgattt	tactacatgc	74400
ccaggcatgc	tacggcccca	gctcacattc	ctttccttat	ttaaaaatgg	actggggctg	74460
ggcgcggtgg	ctcatgcctg	taatcccagc	actttgggag	gccgaggcgg	gcggatcatg	74520
aggctcaggag	atcgagacca	tccctggctaa	cacggtgaaa	ccccgtctct	actaaaaatg	74580
caaaaacatt	agccaggcgt	ggttgcagggt	gcctgcagtc	ccagcggctc	aggaggctga	74640
ggcaggagaa	tggcgtgaac	ctgggagggtg	gaggttgcaa	tgagccgaga	ttgtgccact	74700
gcactccagc	ctgggtgaca	gagcgagact	ccgtctcaaa	aaaaaaaaaa	aaaaaaaaaa	74760
tagctgggca	tgggtggcgg	tgctgtaat	accagctact	ctggaggctg	aggcaagaga	74820
atcgcttgaa	cccagtaggc	ggaagttaga	gtgagccgag	atcttgacac	tgactccag	74880
cctgggtgaca	gagttagact	ctgtctcaaa	aaaaaaaaaa	agaaaaaaa	agacagaaag	74940
aaagagcaca	gacagagtca	caggtatttg	cagtaggaag	ctgtcagggt	agagtgcacg	75000
gaaatagaaa	gtatatattta	cacttacagc	acatcttctg	ttgattagcc	acatttaaaa	75060
tactgaatag	caacgtgtgg	ctatttagta	ttcactaaaa	tcttgagacag	tgcaagtcta	75120
aagaatcctt	gatccgtccg	gcattggtgg	tcacgccttt	aatcccagca	ctttgggagg	75180
ccaaggtgga	aggatcactt	aaggtcagga	gttcgagacc	agcctggcca	acatgggtgaa	75240
acctcgtctc	tactaataat	acaaaaaaa	ttagccgggc	atgggtgggtg	atgcctgtaa	75300
tcccagggtac	ttgggagggt	gaggcaggag	aatagcttga	atccaggagg	cgctgcagtg	75360
agccgagatc	atgccatgcc	actactgcac	tccagcctgg	gcaacagagt	gagactgtct	75420
caaaaaaaaa	aaaaaaaaattg	ttgggcgtgg	tggctcacgc	ctgtaatccc	agcactttgg	75480
gaggctgagg	ggggtggatc	acctgggttc	tggagtgcga	gaccagcctg	gccaacatgg	75540
tgaaacccca	tctctactaa	aaatacaaaa	attagctggg	cgtgggtgggtg	ggcacctgaa	75600
atctcagcta	ctcaggaggc	tgaggcagga	gaatttcttg	aaccaggagg	gcagagggtg	75660
cagttagcca	agatcgcgcc	tctgcactcc	atcctgggtg	gcagagcaag	actatgtctc	75720
aaaaaaaaaaa	aaaaaaatac	ttgattgtct	ggacattctg	cagaacatca	tatggagaca	75780
ctatgttgac	gacatcatgc	tgattgtaag	caagaaatgg	caagtgttcc	agaaacacag	75840
tcaagacaca	tacatgccag	aaggtgagat	ataaactcta	ctaagattca	gtggcctgcc	75900
acactggtga	cattttttaa	cctgctagat	gtttgtgtag	aaaaggattt	aaccttgccc	75960

aaagaggggt	ctggcctttg	tccccagcta	ctggacataa	tctcttttaa	ctcttgaaat	76020
atcattcctg	atagaagtat	ttttgttttg	actagggggc	ttggggccagc	cagatagcaa	76080
caatgtgatc	tgggttgggg	gctttgggatc	aggtggcatc	agtgtgacct	cctgagtggc	76140
tagagactag	aatcaaccac	atgggcagac	aacccagctt	acatgatgga	attccaataa	76200
agacttttga	cacaagggct	tgggtaagct	ttcctgggtg	gcaatgctct	atactgggaa	76260
acccatttctg	actccatagg	gagaggacaa	ctggatatct	tcattttggta	cctccctggg	76320
ctttgccccta	tgcatttttc	ccttgtctga	ttattattat	tattatgaga	tggaatctcg	76380
ctctgtcacc	caggctggag	tgcagtggaa	tgatctcaac	tcactgcaac	ctctgcctcc	76440
ccggttcaag	cgatttttct	gtctcggcct	cccagtagc	tgggactaca	gatgcatacc	76500
accacacccg	gctaattttt	ttgtattttt	agtagagacg	gggtttcacg	ttagccagga	76560
tgggtctcgat	ctcctgacct	catgttccgc	ctgcctcggc	ctctcaaagt	gctaggaata	76620
catgtgtgag	ccaccgcgcc	cagccccctt	ggctgattat	taaagtgtat	ccttgagctg	76680
tagtaaatta	taaccgtgaa	tataacagct	tttagtgagt	tttgtgagca	cttctagcaa	76740
attatcaaac	ctaaggatag	ccttggggac	ccctgaactt	gcagtgggtg	tcagaaataa	76800
gggtgtcat	gtgtgtacca	tgccctctaa	ttttgtagtt	aattaacttt	cacaacttta	76860
ttattaccgc	ttacactcaa	tgtttattca	catttatcca	cataccactt	attctagtgc	76920
cttgcaccaa	agacttttcta	tctcatgtac	tttattctgc	ttgaagtaaa	tccttttagga	76980
tattcttttt	tttttttaaa	ccttgcacat	acatactttt	attttttatt	tatttttaat	77040
tttgttattt	ttgtgggtac	gtagtagata	tatgtattta	tggagtacat	gagatgtttt	77100
gatacaggca	tgcaatgtga	aataagcaca	tcattggagaa	tggggtatcc	atcctctcaa	77160
gcaatttatc	cttcaagtta	caaacaatcc	aattacactc	tttaagttat	tttaaaatgt	77220
acattttaatt	ttgtattgac	tagagtcact	ctgttgtgct	atcaaataa	attttttttt	77280
tttttgagac	agagtctcac	tcagtggccc	agactgaaag	tgcagtggca	caagctcggc	77340
tcacttcaat	ctctgcctcc	ctggttcaag	cgaatctcct	gcctcagcct	cccacatagc	77400
tgggattaca	ggcacacacc	accatgccc	gctaattttt	atattttttt	agtagagacg	77460
ggttttcgcc	atgttggcca	ggctggctct	gaactcctgg	cctcaaataa	tctgaccacc	77520
tcagcctccc	aaagtgtctg	gattacaggc	atgagccacc	acacctggcc	aaaatagaat	77580
attcttttagt	gaggtctgct	ggtgacaatt	tttttctttt	ttttgagact	gagtctcgct	77640
gttgtcagct	tgggctggag	tgcaatagca	cgatctcagc	tcactgcaac	ctccacctcc	77700
cggattccag	caattctcct	gcctcagcct	cccaagtagc	tgagagatta	caggcaccca	77760
ccaccacacg	cggctaattt	ttgtattttt	agtagaaatg	ggggttcacc	gtgttggcca	77820
ggctggctct	gaactcctga	cctcaggtga	tccaccacc	ttggcctccc	aaagtgtctg	77880
gattacaagc	atgagccacc	acgcacagcc	aattttttcc	gtttttgtct	gaaatcttat	77940
tttgtgtcat	ctttgaaata	tatttttgat	ggatataaaa	ttgttgggtg	atagttatta	78000
tcattattat	tattattttg	agacagggtc	tcactctggt	gcctatgctg	gggtgtagta	78060
atgtgatctc	ggttcaactgc	agacttgacc	tcctagggtc	cagggtgatct	tcccacctca	78120
gcctccctag	tagctgggac	tacagatgca	tgccaccata	cccaactaat	ttttctattt	78180
tttgtagaga	tgaggctttg	ccacatttcc	caggctgggtc	tctaactcct	gagctctagc	78240
aatccaccca	ccttggcctt	acaaagtgtc	gggccatgac	tagccagcag	ttacttttta	78300
tagcatattg	aatattttaat	atgaatcttc	tggcatccac	tgtaactgtt	taaaaaatca	78360
gctgtttact	tggcactcct	tttttttttt	ttttttttga	gacagagtct	tgccctgtcg	78420
cccaggctgg	agtgcagtgg	cgtgatcttg	gctcactgca	agctctgcct	cccgggttca	78480
cgccattctc	ctgcctcagc	ctccggagta	gctgggacta	aaggcgcccg	ccaccacgcc	78540
cggctgattt	ttttgtattt	ttcgtagagt	tggggtttca	ccgtgttagc	caggatggtc	78600
tcgatctcct	gacctcgtga	tctgtccgcc	tcggcctccc	aaagtgtctg	gattataggc	78660
gtgagccacc	gcgcccagcc	tctttttttt	tttttttttag	acggagtctt	actctgtcat	78720
ctaggctggg	gtacagtggc	gtgatctcag	ctcagtgcaa	cctccacctc	ctgcctcagc	78780
ctgccaaata	gctgggatta	cagggtgcgta	ccatcacgcc	cggctaattt	ttgtattttc	78840
agtagagatg	gggtttcacc	atgttagaca	ggctgggtctc	gaactcctgg	cctcaagtga	78900
tctgcctgcc	ccagcctccc	aaagattaca	ggcatgagcc	accgcacccg	gccaagttagc	78960
actcctttga	aggtaatctg	cttcccctac	ccctagcaat	ttttaacaat	ttttcttcat	79020
ttttattttcc	tgaagttttg	ttattaataa	tctgtgtgca	gatttctttg	tatttctttt	79080
gtttgcagtt	catagtgatt	cttgaattag	tgtgttgggt	tctgttatca	ccacaggaaa	79140
attgtcagcc	gttagctttt	caaataattc	cttgcataat	tctctcttct	cccctttcgg	79200
tacaattgat	ttgattaaaa	ctaaaaccag	ggccgggtgc	agtgactcat	gcctgtaatc	79260
ccaacacttt	gagaggctga	ggcagggtga	tcacctaagc	tcaggagtct	aagaccagcc	79320
tggccaatat	ggtgaaaccc	cgtctctact	aaaaatacaa	aaattaccag	gcatgggtggc	79380
acacatttgt	agtcaggagg	ctgaggcagg	agaattgctt	gaatccagga	ggtggagggtt	79440
gcagtgagct	gagatcccac	cactgcagtc	tggcctgggc	gacagagtga	gatgagaatc	79500
tgtctcgaaa	aaaaaagtta	tgaatgtttg	ataaactata	tttgttagaa	tgtttgttgt	79560
agaatactat	tcattgattt	ttaaacaatg	ttagattaaa	ccattcactg	gatttgtgat	79620
aattaactta	ctgattttac	ctcactgatt	tgttgtaatt	aatacaactg	gtataaaaag	79680
actgtgacga	ggccgggcat	ggtggctccc	gcctataatc	ccagcacttt	gggaggctga	79740
ggcaggcgga	tcacctgagg	tcaggagtct	aagaccagcc	tgaccaacat	ggtgaaaccc	79800
catctttact	aaaaatacaa	aattagccgg	tcgtgggtgt	gcatgcctgt	aatcccagct	79860

cttcgggagg	ctgtggcagg	agaatcactt	gaacccggga	ggtggagggt	gcagtgagcc	79920
gatatcgcg	cattgcactc	cagcctgggc	aacaagagcg	aaactccgtc	taaaaaaaaa	79980
aaagaaaaaa	aacacataaa	acaaaacaac	actgtgacgg	ttcccaaaaa	ttaggagcat	80040
aattaaagga	actcctgata	aaaattaatt	ttatcttaca	tgtaaactaa	aatgacttta	80100
tgaagttaat	tcagaaatac	aatgcagggt	attagtttgc	cacagctgcg	tattcagcct	80160
aatgtaatat	tcttgttatt	tttaaattct	tcttttaact	ttactcatat	gtggatcatc	80220
aaatttcaaa	agattaaatg	acaatactct	tagcagcaag	cttccctaag	catataaaca	80280
ttttaatggg	tgatgattca	gaaggtaccc	gaagaatatg	tactgccaga	tatcattcac	80340
ccccatatac	ctgcccagaca	gacatcccat	tttgggaccc	tggataaatg	tgtgggtgga	80400
gagaaagata	ggagaaagtg	gtataagcaa	atggccttgg	agtctgattg	acagcgattg	80460
aaatcctgtc	tctacctctt	aacagcctca	tgatcctaca	taagttaccc	cgatcctcag	80520
ggccacatct	gtaaattggg	ggttgcgatg	gcagccatct	cacagggtct	cttttcgggg	80580
aagggcagga	attatggatt	aagtgagcta	gtaattgtaa	agcacttaat	acaaggaggg	80640
cgcataataa	gtacttcata	aataatgacg	gccattatca	tgactgaggt	gtatgcagct	80700
gtcggggatt	acggcgactt	cagaatttct	ggtgggcagg	gctcaaaggc	agcaaatac	80760
actggaagtc	gaggtgaggc	actgcttctg	cacagactgc	ttagctggag	agaatgagga	80820
aggcttagag	gagatttaga	ggaacttaga	gtcctccgcc	tccaactctg	tgggatctgc	80880
tcccggtgcca	gagacattca	ggggatttct	cgcactctcc	cctcccctac	gtccctcccg	80940
ccccatccaa	ctaaccacac	aacacataca	aaatagcccc	tgcgagggtc	tgcacgctgg	81000
aagggaaacag	gagaagggcg	ctgcgcttct	ttgctgatgc	cctgtacttg	ggcccctggt	81060
agacacagcc	acttgctccc	tcagcctgca	gagaaatccc	acgtagaccg	cgcccgggtc	81120
cttggcttca	gccaatctcc	ctttgggtggg	ggtgggatgc	acgatccaa	gttttattgg	81180
ctacagacag	cgggggtgtgg	tccgccaaga	acacagattg	gctcccagag	gcatctcgga	81240
tccctggtgg	ggcgccgctc	agcctcccgg	tgcaggcccg	gccgaggcca	ggaggaagcg	81300
gccagaccgc	gtccattcgg	cgccagctca	ctccggacgt	ccggagcctc	tgccagcgct	81360
gcttccgtcc	agtgcgctg	gacgcgctgt	ccttaactgg	agaaaggctt	caccttgaaa	81420
tccaggcttc	atccctagtt	agcgtgtgac	cttgagcagt	tgactttatt	tttcagtgcc	81480
tagttttcca	gataccagga	ctgactccaa	ggactattac	tcactctggag	ggtttagcac	81540
agtaccgtcg	catagtaa	ttccatgtca	gttttgggta	cctttcatgc	acttgcaa	81600
atgccatgct	ctgaaacgaa	ataggcacat	cttttttttt	ttttttttta	aggagtcttc	81660
ctctcgccca	ggctggagtg	cagtggcgcg	atcttggtct	actgcaacct	ccacctcccg	81720
tgttcgagat	tctcctgcct	cagcctcctg	attagctggg	actacaggca	tgccacgacg	81780
cccagttaat	ttttgtattt	ttagtagaga	cggggtttcg	ccatcttggc	caggctggtc	81840
taactcctga	cctcaggtga	tctgactgcc	tcagcctctc	aaagtgttgg	gattacaggc	81900
ataagccact	gcatctggcc	agaaatgaaa	taagtaa	ttttaacctg	ctctaaca	81960
atagtga	gaccatatta	ttattagagc	aggttaaggg	atttgcctat	ttcgggttct	82020
agttatagtc	ttaaacttgg	acattccttg	agaaagtaaa	aagtttcctc	ttcaaagttc	82080
cccttcttgt	taaagaatac	atcataagt	ttagaagtaa	tagtttattt	taaagactaa	82140
ctttcttcaa	gcctccttgc	tttgtgctaa	taactctttg	ttaagcccta	tcctatgtaa	82200
ctgttggaca	tgctcacagg	cacgttccag	ttcacagcct	atgccccttc	cttatttgga	82260
aatgttattg	cttcccttaa	cctttcggta	agcaacttcc	tctccttctt	cgttcttcct	82320
tgcaacttacc	tatttagaaa	gttttaggct	attagcaa	cggctatcag	tttaagagtg	82380
tgaggtccc	ctccagccaa	tggatgcagg	acatagcagt	gaggacgacc	caaatgcgta	82440
agggataaat	atgtttgctt	ttcctttggt	caggtgtgct	ctcgacatcg	ttccatctgc	82500
gattgagcac	cctttctgca	gaaagtaaag	attgccttgc	tggagatctt	ttgtctccgt	82560
gctgactttt	cttcgtggca	ccgattatct	atttctaaca	attttgggat	ttctaacatt	82620
ctgaacaatc	ttgggctagt	tgtctcttct	gggctgtttt	ccccatccgt	cacatgataa	82680
acttcattgg	tttaaaaacc	ccagcgaaca	tttattgagt	tactattacc	ttcctgccct	82740
ccccaacccc	aaccccaggg	agcagttaca	acctcagccg	ctgagcgcac	tcgccgggtg	82800
ttaagaagca	ccaaagacag	ggaggcttga	ttgatttttg	tttgggagta	gagggtcaga	82860
agattcacag	gaaaatggca	tttgagcaag	gatgattcac	tggagctagc	ttttaaat	82920
tggcgaggct	tttatgttgc	agtcccttac	aaagttgagc	attcgagggg	actgcactcc	82980
gaaataagcc	cgcttcccct	tttcattcgc	taatgatcca	gggagctgct	ggttccgcat	83040
gcggcagggt	gtgccttttc	ctaatacagg	ttctgcatcg	cctcgaaccc	gcaggccgtg	83100
gcgggttctc	ctgaggaagc	agggactggg	gtgcagggtg	aagctgctcg	tgccggccag	83160
cgctgtgag	caaaactcaa	acggaggagc	aggaggggtc	gagctggagc	gtggcagggt	83220
tgaccctgcc	ttttagaagg	gcacaatttg	aagggtagcc	aggggcccga	agccggggac	83280
ctaaggcccc	ccccgttcca	gctgctggga	gggctcccgc	cccaggggag	tagttttgca	83340
gagactgggt	ctgcagcgct	ccaccggggg	ccggcgacag	acgccacaaa	acagctgcag	83400
gaacgggtgg	tcgctccagg	cacccagggc	ccgggaaaga	ggcgcgggta	gcacgcgcgg	83460
gtcacgtggg	cgatgcgggc	gtgcgcccct	gcacccgcgg	gaggggggat	gggaaaaggg	83520
gcggggccgg	cgcttgacct	cccgtgaagc	ctagcgcggg	gaaggaccgg	aactccgggc	83580
gggcggttg	ttgataatat	ggcggttgga	gctgcctggg	catcccagag	aggcggtggg	83640
gccactccc	ggaagaaggg	tcccttttct	cgctagtga	gcggcccttc	tggacccgga	83700
agtcggggcc	ggttgctgaa	tgaggggagc	cgggccctcc	ccgcgccagt	ccccccgcac	83760

cctccgtccc	gacccggggcc	ccgccatgtc	cttcttccgg	cggaaaggta	gctgaggggg	83820
cgccggcggg	gagtcaggcc	gggcctcagg	ggcggcgggtg	gggcagggtg	gcctgcgagg	83880
gctttcccca	aggcggcagc	aaggccttca	gcgagcctcg	acctcggcgc	agatgcccc	83940
tgagtgcctt	gctctgctcc	gggactcttc	tgggagggag	aagggtggcct	tcttgcgcca	84000
ggtcagagga	gtattgtcgc	gctggttcag	aagcgattgc	taaagcccat	agaagttcct	84060
gcctgttttg	ttaagaacag	ttcttaggtg	ggggttagtt	tttttgtgtt	tctttgagga	84120
ccgtggatca	agatcaagga	aatctcttta	gaaccttatt	atggaagtct	gaagtttcca	84180
aatgttgagg	gttttatgtc	taaaagcaac	acgtgaaaaa	attgttttct	tcacccagtg	84240
ctgtcttcca	atttcctctt	tggggggagg	ggtagttact	gctgttacta	aaataaaaatt	84300
acttattgct	aaagttcccc	aacaggaaga	ccactacttt	tgatgacttt	ggcaagtttg	84360
ctaactactg	gaaccctaac	ttacaaacga	actacttaca	tttttgattt	ccagttgtat	84420
tacctgcccc	atgttttacgt	agaaacagct	taattttgat	tctgggtaac	gttgttgcac	84480
ttcattaaaa	atacatatcc	gaagtgcagc	agtatgggtc	tgtggacagc	agtgattttt	84540
cctgtcaatt	cctgttgctt	cagataaaat	gtaccagaca	gaggccgggc	gcggtggctc	84600
acgcctgtaa	tcccagcact	ttgggaggct	tggcgggtgg	atcacctgag	atcgggagtt	84660
caagaccagc	ctgaccaaca	tggagaaacc	ccgtgtctac	taaaaataca	aaattagcca	84720
gggtgggtgg	gcatgcctgt	aatgccagct	acttgggagg	ctgaagcagg	agaatcgctt	84780
gaacctggga	ggcggagggt	gcggtgcagc	gagatagcac	cattgcactc	cagcctgggc	84840
aaaaagagcg	aaactccgtc	tcaaaaaaaa	agtaccagac	agaaatgggt	tttgttttct	84900
ttttttgttt	tgagacggag	tttcgctctt	gttgcccagg	ctcgagtgc	atggcgcgat	84960
ctcagtcctg	gctcactgca	acctctgtct	cccagggtta	atcgattctc	ctgcctcagc	85020
ctcccaagta	gctgggatta	cccatgcccc	accatgcccg	gctaattttt	gtatttttag	85080
tagaaacggg	gcttcaccat	gttaggctgg	tcttgaacct	ctgacctcaa	gtgggcctcc	85140
cacctcggcc	tcccaaagtg	ccaggattac	aggcatgagc	caccgcggcc	agccagaaat	85200
gggttttggg	aaaagcacta	aacaaaatcg	aacttgggtt	catatgacag	ctctgctgct	85260
aactgtaaca	ggggcagacc	agttaaccta	cttttctgtc	ttctgtcagc	tgagaattag	85320
atgattccca	aaggccccatt	gaactctgaa	tgacttttaa	tacttcttct	taagtgggta	85380
cacgggttttg	gtaactgatg	ccagggtgatg	aatgcatgaa	agtgcctaat	gaatgaaacc	85440
ggtaaaaatag	taggaggaag	ctttattgggt	aaggcagggg	tataccta	agctctctaa	85500
tttattggta	ttgaagtgggt	taacttttgt	ttttttaagg	ggggaaaaca	ttctaagaat	85560
aatgaggcaa	actgcatatt	gcacaagaga	ctgttgtctc	tattcaacaa	ataccttttg	85620
agtgtccaga	gtctgccagg	tgtctgtgcta	ggccctcacg	attgagtagt	gaaccagaga	85680
atgtccctgc	acccatggag	cttattgtct	actggggtag	acagataata	aataagcaaa	85740
caaatcttct	ctcttctccc	tttcgctcca	tgtaagtgtg	tgtgtatagg	tgtatactta	85800
caagttgagt	aaagtgttat	gaaagattaa	gaggagaaat	gcattttgggt	tagatgttag	85860
aggactcagc	agggtgacct	gaaacttaga	gctgaaggat	cagtaggagg	taactagaga	85920
ggccagggaa	tgcgatgttc	aaaggccagg	aggcaagaaa	gagcatgggtg	cccttcaaga	85980
gaggaaagaa	ggctactgtg	actggagcat	agatgtaggc	aagtgttggg	tgattgagag	86040
ctctacgggc	catgggttagg	ttttattcct	aatgccgaga	tgccaaacat	ggtgggtcat	86100
atctgtaatc	ccagtatttt	aggaggccga	ggcaggaata	tagcttgaac	ccaggagttc	86160
aagaccagcc	tgagcaacat	gagacctgta	caaaacattt	aaaaaattgc	tgggtatgat	86220
ggtgcacacc	tgtggtccca	gctactcagg	aggctgaggc	agaaggatca	cttgagccta	86280
ggaggtggag	gctacaatga	gccatatttg	agtcactaca	ctccagcctg	gatgacaaag	86340
tgagaccatg	tgtcaaaaca	aatacagaaa	gaatattaat	ttaaaatttt	gaaagaggag	86400
tgatctgaac	ttatatctta	aaaagatcat	tctagggcat	ggtgggtcat	gcctgtaatc	86460
aagggccttg	ggaggctgag	acaggaggat	cacctgaggc	cagttcgaga	tcaacctgta	86520
cagcatagag	agactccatc	tctacaaaaa	gaaaaaataa	atagctgggt	gttgtgagtt	86580
attcaggagg	ctgaagcaga	aagatcactt	gagccagga	gtttgaggct	gcagtaagct	86640
atgatccac	cactgcaaca	cagtgcagatc	ttgtctcaaa	aaaaaa	aatcattcta	86700
ggtgcttttt	ggaggctgga	tgtggtaaga	gtagaagctg	gagatgggtcc	tgttagggat	86760
tcgattcaga	ctttaaatac	catcaatgca	ttgagtccca	aatttacatc	actacgttgg	86820
atccttgccc	ctgaatccag	actgggtatat	ccaacttttag	gttcagtttg	tatctctacc	86880
tgaccaatat	agagggtgtcc	agtctttttg	cttccctagg	ccacattgga	agaagaattg	86940
tcttgagcca	cacatagagt	acactaacgc	taacaatagc	agatgagcta	aaaaaaaatc	87000
gcaaaactta	taatgtttta	agaaagttta	cgaatttgtg	ttgggcacat	tcagagccat	87060
cctgggcccgc	gggatggaca	agcttaatcc	agtagatacc	ttcaacttac	aatatctaaa	87120
attttatgcc	agatttagtc	attttaaacc	tgtcatcag	tttttctcaa	gaagtagtat	87180
tttggtcttt	tttcttttct	tttttttgag	atggagtttc	gctcttatcg	ttcaagctgg	87240
agtgcagtgg	cggatcttgg	ctcactgcaa	cctccgcctc	ctgggttcaa	gtgattctcc	87300
tgcctcagcc	tgcgaagtag	ctggaattac	aggcatgcgc	cacctgacc	agctaatttt	87360
tggagacagg	gtttcaccat	gttgggtcagg	ctgggttttgt	actcctgacc	tcagggtgatc	87420
tgcctgcctc	ggcctcccaa	aggctgggat	tacaggcatg	agccaccgct	cccggctgca	87480
tttttggaatt	tttagttgct	cagcccaaaa	cttttagtaca	tctttgaacc	tcttctttcc	87540
tcctactcta	tatctgatcc	atcagcaaat	ctgttaggtc	tacctcacac	atatcgaaat	87600
cctaccacgt	ctcaccatct	gtgacaatta	acacctgggt	ctaggcagtc	atctctgtta	87660

agattgagtg	gttaaggatg	tcctctaagg	agatgacatt	caaactcttag	cttaaatgtc	87720
aagaggggagc	tgggttttata	aagattgagg	aggcagcatt	atthttgccat	aggcttccat	87780
ttgggtttcca	ttccatttctt	gatacttatg	gtatatattc	aaaacaaatg	cacagaaaca	87840
gacccaggta	tattgggaat	ttcggatata	gagttcctag	ttgggaaaag	atagactgat	87900
ctgtaaatga	tgctagtatt	ccatcatctg	gcaaaaaata	atthcctgcc	tcctctcata	87960
tatctcagat	caacagactt	tttctgttaa	gggccaaatc	ataaatattt	taggctttcc	88020
agaccatatg	gtttctgtca	cactctcctt	tatccttgaa	gccatagaca	atatgtaaac	88080
aatggggcat	ggctgtgcta	cgataaaact	ttacttacaa	aaactggtag	tggggccagtt	88140
tagggcatggc	cagcactttg	ggaggctaag	gcagatggat	cacttggggg	caggagtttg	88200
agaccagcct	ggccaacatg	gtgaaaccct	gtctctacta	aaaatacaaa	aaatagctgg	88260
gcatgggtgg	gggtgtctat	aattccagct	actctggagg	ctaagacaca	agaatcactt	88320
gaacccagga	ggcagagggt	gcagtgagct	gagatagcac	cactgcactc	cagccagggt	88380
gacggagtct	taaagcaaaa	caaaacaaaa	ggtagtgggt	tgtatttggc	ccatgggctg	88440
tagtttgcca	atccctgatg	cagaaacaaa	ttccaggtaa	ataagagcct	ggaatgttaa	88500
aaaaacaaaa	cttgaagtca	tgtagaagaa	caggtagggg	gaacaatcct	gatctcagga	88560
taggaaggga	tattgcttaa	aataagacac	aggaaaatat	aatccatgtt	gtgtaaattt	88620
gactacgtta	aaacttaaaa	ctttcgccaa	gcgcggtggc	tcacgcctgt	aataccagta	88680
ctttgggagg	ccgagggtgag	cagatcacca	ggtcaggaga	ttgagaccat	cctggctaac	88740
acggtgaaac	cccgtctcta	ctaaaaatac	aaaacattag	ccgggctgtg	tggcgggcgc	88800
ctgtagtccc	agctacttgg	gaggctgagg	caggagaatg	gcctgaaccc	gggaggcgaa	88860
gcttgagctg	agctgagatc	gcgccactgc	actccagcct	ggcgacaga	gtgagattcc	88920
gtctcaaaaa	aacaaaacaa	aacaaagcaa	aaaacctaaa	actttcatac	aataaagtat	88980
acctaagata	cttctagaag	agaagattta	catccaggac	gtgtatggaa	tttctgcaag	89040
taataagtaa	aagacaaggg	acatgaagag	gcagttcaca	aaagaggaag	ccaaaatgac	89100
caataaacat	gaaaggatgt	ttaacctcaa	aggaaacaag	gaaatgaatt	aaaaacatca	89160
aatgccattt	caaaactagt	aagttggcaa	aattaaaaat	accaaggatg	agaatatgaa	89220
gcatggctat	atgagtgcac	ggaatggtag	agtcactttc	attaaaaatg	cacataattt	89280
gtttttttatt	tattttttttg	agacagtcta	tgtcgcccag	gctagaatgc	agtggcatga	89340
tctcggtcca	ccacaatctc	tgcctcctgg	gttcaagcaa	ttctcctgcc	tcagcctcct	89400
gagtagctgg	gattacaggc	acatgccaca	acgcccgggt	aagttttgta	tttttagtag	89460
agacagggtt	ttgccatgtt	ggccaggctg	gtctcgaaact	cctgacctca	ggtgagctgc	89520
ttcccaaagt	gctgggatta	gaggcgtgag	ccaatgctcc	tggctgaaaa	aaatgcacat	89580
aatttgttac	ctagcaattc	catgtctaga	ggcttatcct	agagaaattc	ttgcttatat	89640
gcataggaag	acgtgtacta	gaatgttcac	tagttgaatg	tttaagtga	aattaggaaa	89700
taaagtaaat	gttcattaac	aggaaaatga	gtaaagggtat	atthataaaa	caattaagta	89760
gctaaaatga	ataaactaga	gctgcgtgaa	tgaactagaa	ctgggttcaat	agtcatgtca	89820
gattattgaa	tgaatacagg	tcagatatgt	atagagtgtc	atthgtgtaa	tttaattttt	89880
tttttttttt	gagatggagt	ctcactctgt	tgcacaggct	ggagtgcagt	ggcgtgatct	89940
cagctcactg	caacctccac	ctcctgggtt	aaagtgatcc	tcctgcctca	gcctcccag	90000
tagttgggat	tacaggcatg	caccaccatg	cccagctcat	tttctattt	ttagtggcca	90060
cagggtttca	ccatgttggc	caggctgggtc	ttgaactcct	gacctcaagt	gttccacca	90120
acttggcctc	ccaaagtgtc	aggattacag	gcgtgagcca	ccgtgctcag	ccatttgct	90180
gattttttaa	gatgtgcaga	ataatgccat	taaaaaaaat	acacatacat	gtatatatat	90240
acacgttttg	ctgggtgtgg	tggctcacac	ctgtaatccc	agcacttttg	gaggctgagg	90300
caggaggatc	acttgagccc	agggtgtaca	gactagcctg	ggcgagatag	caagacccca	90360
tctcaacaac	agaaaggata	attaggtagt	gtggcatgag	aggatcactt	gagcccagga	90420
gttcgagtgt	tatcaggcca	ctgcactcta	gcctggacaa	caaagcaaga	ccgtgtctca	90480
aaaaaataaa	aataaaaagt	atthgtatgt	ggtcatagtc	aaaaaacgta	catggaagga	90540
aatgtcttt	atthatttat	ttattttttt	ttttttaaga	cagagtcttg	ctctgtcacc	90600
caggctgggg	tacagtgggt	taatctcagc	tcacccgaat	ctcgccctcc	cgggttcaag	90660
cgattcttct	gcctcagcct	tctaagtagc	tgggactaca	ggtacccgcc	accacaccct	90720
gctaattctt	gtgttttctc	tagagacagg	gtttcaccat	gttggcaagg	ctggtctcga	90780
actcctgacc	ttaagtgagc	caccgcctt	ggcctcccaa	agtcctggga	ttacagggtg	90840
gagccactgc	gcttggccag	gaaatatcta	atthtagtaag	tatttatatc	tgggaaagga	90900
agggtcagg	ggtgattcat	aggaaactcta	aagtctatgt	ataaacttta	gggggacaga	90960
aggaaataaa	gcaaaatgct	gatatttgat	tgttgagttg	tgtatatgtt	agaagtataa	91020
cataggagat	ctgattgata	gtaggagaat	gttttttaggt	ggtaaaagtg	gaaccgtgg	91080
ggtttgtttt	ggcagtagaa	tcagttaggtc	atagtttgta	tgtggaaggt	aataaacaga	91140
ccatgttaag	gatgacttcc	ggaatttttg	tctgagtagt	gggtggatga	cagtgtcatt	91200
catgagggaa	gatgaagact	gaggtaggaa	caggtttggg	agaagatgac	atgttccctt	91260
ttagacaagt	ggaattatgg	aagatggcag	gtagggtggt	agctatatga	atthgagata	91320
aaagatttag	gatggagata	taaatttagg	agtaacagcg	tatctatggt	attgtaagcc	91380
ttaagaatgg	gtaggatcag	ccaggaaata	cagatgtata	tgcagaagag	aggagtcaag	91440
gaagccaaga	caagttaatg	tttaaaagtga	gtgatgtagt	ccatgggcag	atgctgctga	91500
gagggtctgca	aacaccagtg	accctacaac	atthtttaaat	gtcgtcttcc	tgacagcagt	91560

gatcagtacc	tgcaacgata	ttatattatt	ttttcatggt	agtctccaca	cacttgaatg	91620
tagacttttt	gaaggcaaaa	tcattgcctt	ttctgagctg	ggagcatgtc	tggcacatac	91680
caagcactca	acagttgatg	tattgacttc	atccagatac	tctgagggcg	agttatttcc	91740
tgctactagc	ctttcacctt	tcaatgttta	agagcacaaa	tacagagatg	ggcacgtttt	91800
ggcattttct	attttgataa	ccttttcctg	gtaagatttt	ttaatgttga	aaaaaaaaaa	91860
caagaaaaga	gggttaaaaa	tagtcttatg	tcagatcctg	tgatagaatt	cacacttggc	91920
ttaagctgct	gggcaccttc	ctatcttgga	tgatcatatta	gcttatctac	agcagaattt	91980
ttactgtttt	atgtagtaag	gaagcaatta	tatgattatt	ttacagacaa	attattcttt	92040
atctttttatt	tttttagacg	gagtctctct	ttgtctccca	ggctggagta	cagtgtcgcg	92100
atctcggctc	actgcaacct	ccgcctcctg	ggttcaagca	attctctgcc	tcagcctccc	92160
aagtagctgg	gcttacaggt	gtccgccacc	acacccagct	cattgttttg	tatttttagt	92220
agagatgggg	tttcaccatg	ttggccaggc	tggtcttgag	ctactgacct	caggtgatcc	92280
acccgccttg	gcatcccaaa	gtgctggaat	tacagggctg	agccaccgtg	cctggcccag	92340
acaaattatt	atactctgag	tgtagagggc	ttaggatgtt	ttcacttgat	gctatgggag	92400
gaataagtaa	taagatatga	tacacaacca	aagacctttc	ttcactatgc	ttctagtagc	92460
tagtactatg	gatgacacat	ggtaataata	ttgggttagca	tttgtcctca	atttactgtg	92520
ctagttactc	ttctaagccc	cttacaggta	tatatatttt	ttcatcaata	atcctctaag	92580
gtagttttta	ttattgacct	aattttataa	atcaagaaaa	ttaagaccca	gagaagtaag	92640
taacttgtcc	aagatcacat	ggcttataag	tggttagagcc	agaatttgac	cccagatgtt	92700
gtgactacat	tgtctctcca	taagcaggtt	caactctttt	gactggatgc	tgttccaagg	92760
tcacttcctt	agagaagcct	ttgctgacaa	ctaccctcct	gtgccctcct	ccaaggctgt	92820
ccattgttct	agaactttga	atactcatct	tagaataaag	ctggtctaat	ttttacagtg	92880
ttatagaatg	gatctctgac	tgcaaaaagt	ggtcataaatt	atctttttat	gttctagtga	92940
aaggcaaaaga	acaagagaag	acctcagatg	tgaagtccat	taaaggtaag	ttctgccctt	93000
ggcagtcac	tgcatataaa	agtgatgtgc	tttgcatttg	tgagttcttt	aatcctgtta	93060
tactctctct	tttggcatta	atcatttctg	ccttatattt	taattactta	tgattttgat	93120
ttatttccct	ctttaacctg	tataatgctt	taacatctag	catataataa	gtaggctttt	93180
tttttttttt	tttttttgga	gacggagtct	tgctctgtta	cccaggctgg	agtgcagtgg	93240
cgcgatcttg	gctcactgca	agctctgtct	ccgggttca	caccattctc	ctgcctcagc	93300
ctccccagca	gctgggacta	caggtgcacg	gcccacgccc	tggttaattt	tttgtatttt	93360
ttagtagaga	cagagtttca	ccatgttagc	cagtatggtc	tcgatctcct	gaccttgtga	93420
tcggcccgcc	tcggcctccc	aaagtgcctg	gattacaagc	gtgagccacc	gcacccggcc	93480
gtaagtaggc	tttttttacc	ttaattttat	ttttttgaga	tggtgtcttg	ctcttatccc	93540
caggctggag	tgcatgtgtg	ccatctcggc	tcactgcagc	atccacctcc	cgggttcaag	93600
cgattctcct	gcctcagcct	cccagtagc	tggtgattaca	ggtggccggc	accatgccc	93660
gctaattttt	gtatttttag	tagagacagg	gtttcacctg	gttggccagg	ccagtctcaa	93720
actcctgacc	tcaagtgatc	cactcgcctt	ggcctcccaa	agtcctggga	ttacaggcgt	93780
gagccaccat	gcctggccat	aagtaggctt	ttactgagcc	ttgtgtgtat	tggtatcct	93840
agtgattaca	gtgaaccagt	gcccttctta	ttaatcacac	atttaattgt	tccttaaaag	93900
tgattagtgc	actttattta	tttagtaaga	caaaaaatga	agaatactct	taactgagca	93960
gtctgttaac	tgtaggaaag	cactgacact	tataaggctt	agttttctgt	catttatcca	94020
gaagtatgg	tgattacagt	ttttactttt	ttatttgaat	gaacaacctt	aatttaaaat	94080
atattttgtt	tattttttgt	tggtatcgat	acattgtcct	tgtttataga	ttagagcatg	94140
cttttttaaag	atgctgtatt	actcactgat	tttatttgtc	cagtgtacag	agattgaagt	94200
gggaaaatta	taatggaaat	tgtttccata	gtcattacat	attaatttca	tcaatttatt	94260
tccataaaat	ctgtagattg	ctacttatatt	agatttttcc	ttcaaattgt	tttatgttgt	94320
attgcttgca	ctgagtattt	attctatatg	ctcaatttgc	tggtagaaga	gactaattat	94380
aacttaggca	agttgtaaaa	ttagggaaaa	aagtaaggta	ccttacagcc	tagtttactt	94440
atttcttatg	taaagccagt	tagattccac	attagttcaa	actgccttct	ttgagcaaaa	94500
cttgattggc	agtataaaag	gcttaaagcc	cttctcaagc	agagacctgt	aaagactaga	94560
tctgactgta	gtagaaggaa	ggaacttaga	tgtttcaggc	agtgagaaca	ccagtcttcc	94620
actctaaact	ttgccactaa	cagtatgacc	ttgggaagtt	gtaactttct	tcagattctt	94680
catttggtga	atggggggat	tggtcctagc	aatttctaaa	tctctactgg	gctaaaaaat	94740
tctgtgctta	tactctgatt	atgaagtaca	taatctgtgc	ttaacattca	ctgacttatc	94800
cttaggataa	tacagaagca	gtacaagaaa	cagcccttca	agatgtttgc	agtctggtta	94860
gaaagacaaa	cttatacaca	gaacagtagc	aaatagacca	aaataataat	agctgccatt	94920
tatagaacac	ttcttctgtt	ctgggcatta	gacaaaaact	gactataacg	gtgaacaaaa	94980
aagacttagg	tcctgccctc	attgaactta	cagattagta	ggggagagga	acattaatca	95040
agtaattcca	cagatggctt	agcctagatt	ggtagtgatg	gaagtaaaga	gatgtgaacg	95100
gacttgaaaa	aaaattcgga	ggcaaaatgg	atagaagttt	attattgatt	aaatatgagg	95160
tgtgagagag	agggatattt	aagattgata	cctaccttct	ggcttgccct	acagaaccaa	95220
aacaggaaat	tatatgttca	gtttttgttat	gttgggtggg	aggtgctttt	gagtcattca	95280
tttatatatg	ttatatatgt	tatttttatat	gcatagtaat	tttaagggtc	gagttttaaa	95340
ccaaagggtta	gagagtgatt	tttttagagtc	tagcaaacct	aagttgaaat	cctgcctgtt	95400
gaaatggctg	tttactagct	cattaaccta	gggcaaaagta	ttcaacttgt	tttcattttt	95460

gtcttcatct	ctaaaatgag	gaaaatatgg	tcttacaaga	ttgtcctgag	agatagatga	95520
aataatatcc	aaaaaaaaaa	aaggtacata	gagaaactcg	tatagtgcct	ggtatatagt	95580
aggtcctcca	ttggtagcta	tcattatcta	gttttaacat	agccttcagt	ttgttgaatt	95640
agtcaaactg	agtgaagcac	tgcaaggaat	tcagaggaat	ttgagatcaa	caaatgattt	95700
ctgaagttta	gggaagactt	catggcaatg	acacttacct	tgtataaaaag	ttgaagaata	95760
agaaagattt	gaatgagaga	ttcttttctct	tctccctacc	agcccagctt	cttatttgag	95820
gatatattgg	gcaaaggggc	cttcagacaa	gtagagggag	attttttacag	aaagattgag	95880
atgaagggtat	agaaggctgt	aaagaccaga	aaagagaatt	gagacagagg	aagcaggaag	95940
ccactgtagg	tttttgagca	agatattgat	gctgtaagta	tgggtgtttat	gaaagggttag	96000
tctggaagag	atthtgcagga	tggagacccc	ggaagtthtt	ttgttataat	acagaaagac	96060
ttgcactgag	ggtgaggtgt	taaaaataaa	caggttaagta	aatgtttaaa	catcttgaag	96120
gaaaagtcaa	caaatcttgg	caagtaaaca	gataacagtg	aaaaagaatg	ggaccaagat	96180
tttgagttht	ggagactggg	ggattgaaca	gacagggaaa	ttgagaggag	aatcagatga	96240
tgatgttht	agttgatatt	tagacagatt	gtgcttgaga	tggtaaagtc	aatgtgggtg	96300
ggaatgctta	gtagcgagta	atcagtata	caagaccaa	gcccaggtca	aagacaagtc	96360
acagatacag	atcagggtct	tttcatctgc	tccacagagg	tgtaccctag	gagctgttgc	96420
aaacagtcca	tgtggagggt	gtgagtaaga	tgtttccctt	gaatttgcca	gaattacttt	96480
tttggtgttg	ttgttgthtt	ttctgagaca	gatttctcgt	ctgttgccca	ggctggaggg	96540
cagtggcgag	atcgcgagc	tcactgcaac	ctctgcctct	cgggttcgag	tgattctcct	96600
gcctcagcct	cccaagtagc	tgggattaca	ggcttgtgcc	accaagccca	gctaatttct	96660
tttgtattht	tagtagagat	gggttttcac	catgttgccc	agactgggtc	cgaactcctg	96720
gcctcgtgat	ctgcctgcct	cagcctccaa	aagttctggg	attacaggcg	tgaaccactg	96780
caccgggtcc	cttggttaagt	ttatttttgt	gggaagcaaa	ggaggtttca	gcttttaaaa	96840
agtttgaaaa	ttattgctct	ggtaataatt	aaagatttga	gagtaaataat	gctttctagc	96900
agaaagaata	aaagaagaac	agatagcctc	aagaagggga	gccaaagaag	caggctatat	96960
ctgacacact	gggtgttgat	aatgggtat	taaaagaatg	agagcaatga	gcagatagaa	97020
gaggaaatta	ggagagtata	ataccatgga	gaccaagaaa	gatagactat	caggaaggag	97080
tggtaaaaaat	aagttactag	ttctaagaga	gatgttaaga	gggaccgggg	aaagccttgt	97140
acaaatgagt	tagtagcatt	ttacattata	tacatctaata	taagaaacaa	tgcgagagtc	97200
tcaccattcc	tatagactct	tacttgtact	tgtctgaaca	cgaaaactgg	cttttgthtt	97260
taaataagct	aaaaattatt	ttgtctcaat	ttctcatgaa	aataaaaaata	aaccttcttt	97320
taacattgaa	aaaatagtth	gaagacagtc	actcttcatt	ttgtaattcc	cacaactatt	97380
attgaatgac	tgaaattatc	tttattctga	agccaaaggg	gtgatactga	tatttcttca	97440
gactactaaa	aatatattth	atgaatttht	agtgtgctth	atctttthtt	gtttthttth	97500
ttgagatgga	gtttcactcc	cgttgctcag	gctggagggc	agtgggtgcaa	tctcagctca	97560
ctgcaacctt	cgcctcccag	attcaagcaa	ttctcctgcc	tcggtctccc	aagtagctgg	97620
gattacaggc	acctgcccc	acacccagct	aatthtttgt	atthtttagta	gagacagggt	97680
ttcaccatgt	tggtcagggt	ggtcttgaac	tcctgacctc	aggtgatcca	cccaccttgg	97740
cctcccaaag	tactgcgatt	gcaggcatga	gccaccatgc	ctggcctgag	gaatatttht	97800
ctagggttccc	cccaccccaa	gcattttatt	tgcaatttht	gtthttgttcc	taaagcaagc	97860
aaggtthtaag	gattthaaaa	taatccgtat	tttagaatgc	tttctggctt	tgthacttht	97920
tatccacagt	agaagttctc	agagaatgat	ctccctctth	taattthact	ttttggcaca	97980
gtattthtgg	aattataaat	aatattagaa	tgthttctgg	ctgggtgtgg	tggctcatgc	98040
ctgtaatcct	ggctacttgg	gaggctgagg	caggagaatc	acttgaacat	gggaggcaga	98100
gggtgcagtg	agccgagggt	atgccactgc	actccagcct	gggtgacaga	gcaagactct	98160
gtctgggaaa	aaaaaaaaaa	aaaaaaagag	tgthttctth	cctattthtc	accacttgat	98220
taagttactt	ttctctttaa	gtattthttg	ctgagtatgc	tgactthaaga	gtaatgttac	98280
aaaattthaat	ttthaaagtt	ctctgaaagc	ccctthtatga	gagthtttagg	ctatcaaatt	98340
gtgtthtaatt	cttaacaatt	ttthgaaaaa	ttatagcttc	aatatccgta	cattccccac	98400
aaaaaagcac	taaaaatcat	gccttgctgg	aggctgcagg	accaagtcac	gttgcaatca	98460
atgccattth	tgccaacatg	gactccttht	caagtagcag	gacagccaca	cttaagaagc	98520
agccaagcca	catggaggcc	gctcatthtt	gtgacctggg	taagtaacta	tcattthttta	98580
ttactthtga	ttagaaggat	ttgagtacaa	tatgtgaaac	ttctgtcata	ggatacagaa	98640
ctatataatt	ggaaagtgtc	ttggaaaaaa	tgtattthaa	ataacagcta	caagtataat	98700
gggtagctgt	gttggtgttc	tgtaaatata	gaatataaag	catgcccagt	agaaaaacaa	98760
gcattthccag	aagaaatata	tctgatcact	aaatataaat	atatgaaaaa	gatgtctcac	98820
tttattactg	agggaagtgc	aaattaaaaat	aatcagttaa	tgttctccta	acacattagc	98880
atattthttta	aagtttgaca	atthtgaatgt	cagtgaagat	gcagggaat	acccctccta	98940
tttagtgata	atataatctg	gtgaagactc	tttggaagc	aatthtgaaa	tcagtataaa	99000
atatgcatgt	cattthaggcc	actctthtcta	agacctagcc	ctcagatatg	ctcattcata	99060
tgtgcagggtg	tgtatgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtatatgta	tgtatgtatg	99120
tatgtatgta	tgtatgttga	aggctattca	ttatagtatt	gtthgtgata	gcaaaaaatt	99180
atggacaaca	tataaatatc	tgttataggg	aaataaccaa	attgtggtat	acgcatgctc	99240
tggagtataa	tatagccatt	tgtthtctatt	tattthattth	cttgagacag	ggthttactc	99300
tgthtggccag	gctggagtgc	agtgggtatga	tcaggttca	ctgcagcctt	cacctcctgg	99360

gcacaagcca	ttctctcgcc	tcagcctcca	gagttactag	gactgcaggc	atgtgtcacc	99420
acacccagat	aatttttttaa	ttttttgtag	agacaggggc	tcactatgtt	gcctaagctg	99480
gtctcaaact	cctggcctca	agcaattctc	ccacacaggc	ctcccaaagt	gctgggatta	99540
ccaacgtgaa	ccaccacacc	tgggttcagt	tagccattta	gaaatctaaa	aaagacgtgg	99600
gaaaatgtct	aaggcatgtt	taaatgtgag	aaaagcaagt	cacagtatgc	atggtaaaat	99660
ccgttatatt	aaaataagtt	cttccaaaac	aaaaacatat	gcaggagacc	tttattttgt	99720
cagtatttct	tacccaaatt	tctgcactta	gaaaattgca	tgtcatgttg	tcataagttg	99780
aaaaaaagat	ccatgaacca	atggacttct	aataaaaatca	gtcctgcttt	tgacatctct	99840
ctctactttt	gtgtatatcc	aaaccagagt	gtcaatgtgt	ttgtggggca	cacttagcaa	99900
taatacatag	cagacaaaat	gcatatagct	cagagagtaa	aattgtaagt	tttgctagat	99960
cactcataaa	ttgctgatga	gaatttataa	tgggtgcagat	gctctggaaa	acaggcagtt	100020
tctttctttc	tttttttttt	tctttttgag	acaggggtct	actctgttgc	gcaggctgga	100080
gtacagtggc	gtgattacaa	ctcactgcag	cctcacccctc	ctcaggttca	ggtgatccctc	100140
cctcagtctc	ctgagtagct	gggactatag	gcatgcacca	ccacgcctgg	ctaatttttg	100200
tatttttttt	tttttttttt	gtagagacgg	ggtttcgcca	tgtttccag	gctggctctca	100260
aactcctgga	atcaagcgat	ccacttgctg	aggcctccca	aagtgtctgg	attacgggcg	100320
tgagctactg	tgccctggcct	aggcagtttg	tttggtttgtt	tgtttgtttg	tttattttatt	100380
tgtagacgga	gtctcacagg	ctggagtgc	gtggcccaat	ttttggctca	ctgcaacctc	100440
cgccctccag	gttcaagcta	ttctcctgcc	tcagcctcct	gagtagctgg	gatgacaggt	100500
gcctgccata	atgcctggct	gattttttgta	tatttagtag	atatgggggt	tcaccatgtt	100560
ggtcaggctg	gttttgaact	cctgacctca	ggtgatcagc	ccgcctcggc	ctcccaaagt	100620
gctgggatta	caggcatgag	ccgtcatccc	tggctgggtg	tttcttatga	cgtgaaacat	100680
gcaattacca	tatgacctag	cagttgcact	ctgtatttat	cccagataaa	tgaaaactta	100740
ccttccaata	aaaacctgtg	cacaaatgtt	catagcagct	taatatggaa	aaactggatg	100800
ttcttcagca	ggtgaatgaa	ctggttcatt	cataccatgg	aataccattc	agcaataaaa	100860
aggaacaaac	tggtgatata	tttaaccacc	tggatgaata	tcaagggaat	tatgctgtca	100920
gacaaaaacc	agtcctctaa	gactacatat	agtatgattc	cgtttggata	atattcttga	100980
aatagagaaa	ttaagagaaa	tgaaaagatt	agtgtttgcc	agatgttaga	gacagggagg	101040
tgagaggggt	aagtgggtgt	agttataaaa	gtgcaacatg	agggatcttt	gtgatgttga	101100
agttgtatct	tggcagtgga	tgcagaaatc	tcaatgtgat	aaaattacaa	agaactaaaa	101160
acaagaatga	gtatagataa	aactggggaa	atctgaacaa	gttagagtgt	tgtatcactg	101220
tcagtatctt	agagtgatat	tgtactatag	ctttgcaaga	tgttaccatg	ggagaaacta	101280
aagtgtacaa	gggatctcta	ggtattatta	ttttttttaga	gatgggggtt	cactatgttc	101340
cccaggccgg	tcttgaactc	ctgggctcta	gtgatccgcc	tgccccagcc	tcctaaagta	101400
ctggaattac	aggcgtgagc	gacctatgct	ggccctttca	gtattgtatc	ttagaacttc	101460
atgtgaatct	agcattatct	catagaattt	aattaaaaga	aattgtaaac	ctcacagaag	101520
atcagaattt	cctcaagttt	gtgatgttga	caaagatgaa	ctagtgtgaca	ctgacagtaa	101580
gactgaggat	gaagacacga	cgtgcttcaa	aaaaatgatt	tgaatatcaa	tggattaaga	101640
agaactcttt	tgacaaattg	atgaaaccct	cagtcagttt	tataagaatg	cccatcttta	101700
tgatcatgct	atgaaagcca	attttttaaaa	aaattttttg	tctttcctaa	caattagctt	101760
gtgggttataa	tttaaattta	gttaaataata	agataaatga	tttttttatta	agtttagttt	101820
catttttcaa	ggtacgatct	caaagctact	ctttaaccta	ctatgaatga	ataatgctga	101880
gttcataaca	tctttgtaga	tatatccaca	attttccctc	aggataagtg	cctacaagtg	101940
gaattactgg	actgaaaata	atgcagtttg	ctaagacttt	gctatctgtt	cctgaatgct	102000
cctccaaaaa	ggtttttgcca	gtttacatcc	tcataagctt	cgaatgagag	tgttgcctat	102060
tttccctgtgc	ccttggttact	gcttaataat	ttttgaaaaa	aatctaattt	gacagacaaa	102120
aatgcatttt	atgttaattt	gcttttctgg	gattttttaat	gaggttgagt	atagttttta	102180
atatttttat	tggccctttt	ggaactagta	tcataagttt	tttttcttaa	gaatttatgt	102240
agtctgggct	gggcgcagtg	gctcacgcct	gcaatcccag	cactttggga	ggccgaggtg	102300
ggtggattgc	cgaaggtcag	gagtttgaga	ccatcctgac	caacatgggt	aaaccgaatc	102360
tctactaaaa	gtacaaaaac	tagctcagcg	tgggtggcggg	tgccctgta	cccagctact	102420
taggaggctg	agtcaagaga	atcgcttgaa	cccgggaggt	ggaggttggt	tgcattgagc	102480
cgagatcgcg	ccattgctct	ccagcctagg	caacaagagt	gaaaagtctc	aaaaaaaaaa	102540
aaaaaaaaaa	aaaaaagaat	ttacatggct	tgaattgcca	ttaaaagaga	tatgagaatt	102600
attgagtaac	aaataacttt	ttaataattt	aggcaagttt	tggacgattg	tactttgttt	102660
agaaaccaaa	agcatagtat	ttgtagtttt	tttatattact	ttagtgtgcta	ggaagtaaac	102720
tttattcaag	gtctctggta	ccagttgttg	ctaaaagtga	ttgactaatc	tgtcaatctg	102780
aaattatttg	ttgctgaact	gctaattctt	ttgcttctat	cttttaggca	gatcttgtct	102840
ggactaccag	actcaagaga	ccaaatcaag	ccttttctaag	acccttgaac	aagtcttgca	102900
cgacactatt	gtcctccctt	acttcattca	attcatggaa	cttcggcgaa	tggagcattt	102960
ggtgaaattt	tgggttagagg	ctgaaagtgt	tcattcaaca	acttggctgc	gaataagagc	103020
acacagtcta	aacacagtga	agcagagctc	actggctgag	cctgtctctc	catctaaaaa	103080
gcatgaaact	acagcgtctt	ttttaactga	ttctcttgat	aagagattgg	aggattctgg	103140
ctcagcacag	ttgtttatga	ctcattcaga	aggaattgac	ctgaataata	gaactaacag	103200
cactcagaat	cacttgctgc	tttcccagga	atgtgacagt	gcccattctc	tccgtcttga	103260

aatggccaga	gcaggaactc	accaagtttc	catggaaacc	caagaatctt	cctctacact	103320
tacagtagcc	agtagaaata	gtcccgttc	tccactaaaa	gaattgtcag	gaaaactaat	103380
gaaaagttag	tatgtgattt	tcttgtgtgt	acatatgtgt	ctcactttct	ttttttaatt	103440
tactaagcag	aacttcagat	gaggaataaa	atgattggaa	tatttttttt	ctcctctaac	103500
tacttgtaaa	tttgggagaa	tttggagagt	gtagtagagt	cagatcagtg	tatggaaaag	103560
gagcaggagt	gactggacct	tctaagaagt	gtgttatcag	aattagtaaa	tgaagggtca	103620
aatgtcctac	ttttcccctc	cactgatttt	gacatcaaac	cattatccac	atagccttat	103680
ttcctccctc	ggtcttaatt	ttattaatat	tttactgcac	tttgcagata	aaatttttaa	103740
aaaattttta	aaaattgcca	ataagtgaca	tttattaagt	tcagtgccta	gtgtatatatt	103800
ggatttttatt	tattagtcac	aagacctttg	tgcaggtagt	aggcatgatt	atcttttttt	103860
ttttgagatg	gagtccttgc	ctgtcgccca	ggctggagtg	caatggcgcg	gtctcggctc	103920
actgcaacct	cggggttcat	gccattctcc	tgcctcagcc	tcccaaatag	ctgggactac	103980
aggcgctgc	caccacaccc	ggctaatttt	tttgtatttt	tagtagagac	ggggtttcac	104040
catgttcgcc	aggatgggtc	cgatctcctg	actttgtgat	cgcctgcct	cggcctccca	104100
aagtgtctgg	attacaggca	tgagccaccg	cgcccggact	gattatctta	tttacacatg	104160
agaaaaccag	ggcttagaaa	ggtaggtaa	cttcctctag	gttgtacagt	aaatgtggac	104220
ctagaagcat	tttgacaaga	gcacctgttt	ttttttcttc	tctattagtt	tagaaattat	104280
atactcttaa	ttatcacctg	ggattttgat	tagacagcct	tcagtgtctt	tttcatctta	104340
aatgttcttt	gtgtcttaaa	gggctaagtg	atttcttcag	atcttttagt	tcactcattc	104400
tcagtgaact	aaaatgaggt	ctaactctgt	actgaatcaa	gttttcagca	tgttatattc	104460
ttcctccctc	cctccctcct	tccttccttc	aaccaggctc	cggaggagct	gggattacag	104520
gcgcccgcca	ccactcctgg	ctaattttta	tatttttagta	gagacggggg	ttcaccatgt	104580
tggtcaggct	gatcttgaac	tcctgacctc	aagtgacca	cctgcctcgg	cctcccaaag	104640
tgctgggatt	acaggcatga	atcaccacac	ctgacggcat	gttatatttca	tcgcaaagtt	104700
actgtaagct	gggagaagtg	gcacacactt	gtactcccag	ctactcagga	agcttaaggt	104760
gagaagattg	cttgagccca	ggagttttga	gaccaacctg	ggcaacacag	caagacccca	104820
gctcaaacia	agaaaaaaag	ttattgaatt	ttttattttc	atggatcatt	ttttgtagtt	104880
tcttattcct	ttcacccttc	attcccactt	ttgatcccat	cttttattta	tttagtttta	104940
ttaaatgtat	atttgtctga	taattctgct	atctacagtt	ttttgtggac	ctgactcagc	105000
atttctttgt	ttcttcggat	tcagactgtt	ggtggcttgt	gatttttagtg	atttttggcc	105060
gtgaacatgt	ttcttggaact	tttgtctgtg	ggaattctct	gtgtactctg	tataaattaa	105120
gttacttcag	gtgttttgca	ttttcttttg	ccatgcacct	ggggcctggg	tcactaccct	105180
tctggtacca	cttaaaaactg	aattttttgtc	ttgggtgctc	gtactgatcc	tgtatgagta	105240
caggtttata	cttactgtag	aaatatgggtg	tttgattatg	gggtattgtc	ccagatgggtg	105300
ctggagattt	aatatgctct	ctgttaaact	taatgtgttg	tcctgtataa	actccaaaat	105360
tctgaattcc	agaatactac	tggcccccata	tgtttaagat	aagggcactg	cctgtatttg	105420
tttctgcctc	ccactatattt	ccttagttta	acacaaaactc	acctttttta	aaaacatttt	105480
gagagaattc	agtattggga	agagtttcta	acctgtttct	ggaaatggaa	gtccaaagtc	105540
tgtttctgta	attgtttttt	ttttgagatg	gagtcctact	ctgtcaccca	ggctggagtg	105600
caatgacgta	ctctcagctc	actgcaacct	ccacctcccg	ggttcaagcg	attctcttgc	105660
ctcagccccc	tgagtagctg	ggattacagg	tgccaccac	catgcctggc	tgatttttgt	105720
attttttagaa	gagatggggg	ttcgccatgt	tggccaggct	ggtcttgaac	tcctgacttt	105780
gtgatctgcc	cacctcagcc	tcccaaagtg	ctaggattat	gtttctgtaa	ttgtaataca	105840
tttattgttt	ttagaaactg	tctttgcttt	agtggtaatt	ttcaataaaa	atagaaatag	105900
cagtggagtt	attaaaagag	cattagttac	atttttccct	ttttcattat	cttcaaatat	105960
tatatatagt	aagtgtgacc	tttttaaaat	gtataacttg	atcagtttta	acacatacat	106020
agattcctgt	aactgtcacc	actataaggg	taaagaacag	ttagttcctt	cacctttgaa	106080
gtcaagcccc	acctctatcc	caacacttgg	caaccgctga	tctttctccg	tctcaatagc	106140
tttgccctttt	ctcttttttt	ttcttatttt	tttttttgag	acagcgtctt	gctctgtcgc	106200
ccgagctgga	gtgcagtgag	gcaatctcgg	ctcactgcaa	cctccgcctc	ctgggttcaa	106260
gcagttctcc	tgcccttagcc	tccttagtag	ctgggattat	aggcacgcac	caccacaccc	106320
ggctgatttt	tttgtatttt	tagtagaaat	ggggtttcac	catgttggcc	aggctgggtc	106380
caaactcttg	acctcaagtg	atccacctgc	ctcgccctcc	caaagtgtctg	ggattacagg	106440
cgtgagccac	tgtgcccaat	caggactttt	tttttttaaa	tttacattca	acttgtcatt	106500
tttttcttgt	atggattgtg	ccttcagagt	cacacctaa	agccctttgc	ctaagcaaag	106560
gtcatgaaga	ttttctcata	tgtttccctt	taaaagtaatt	gtgggttggcc	agggtgccatg	106620
gcttatgcct	gtaatctcag	cactttgaga	agctgaggtg	ggcagattac	gaggtcagga	106680
gatcgagacc	atcctggcta	atgcgggtgaa	accccatctc	tactaaaaat	acaaaaaaa	106740
aaaaaaatta	gccggggcgtg	gtggcgggca	cctgtagtcc	cagctacttg	agaggttgag	106800
gcaggagaat	agtgtgaacc	cgggaggtgg	agcttgagct	gagccgagat	cgcgccactg	106860
cactccagcc	tgggcaacac	agtgagactc	catctcaaaa	aaaaaaa	agtattatgg	106920
ttttacactt	tacgtttaga	tatatatctt	ttttgagtta	atgtcgtata	agtatgaggg	106980
ttacgtcaga	ttttttgttt	tttgtttatt	tttacatatg	gatgtctagt	tgttctaata	107040
ccattttgtg	aaaagacaac	ctttactcca	ttgaattgcc	tttgtacttt	tgccatattt	107100
gtctaggcct	gtttttggac	tcctttttct	gtttcatgat	gtgtgtgtct	attcctttgt	107160

taataaccaca	tggtcttaaat	tactgtatag	taagtcttaa	aattgggtaa	tgctggcctt	107220
ataaaacgaa	ttgggaagtt	tttattttta	ctcttatttc	catttttctag	aagagattgt	107280
gtagaattgg	tgtcattttct	tcttttagata	tttggttgaa	ttgggaagtg	atgccatctg	107340
ggcctagggg	tttgtttttt	gtgtgtgaga	cagagtctca	cttctgtcac	ccaggttgga	107400
gtgcagtggg	gagatcttgg	cttactgcaa	cctctgcctc	ccaggttcaa	gttatcctcc	107460
tgcctcagcc	tcccaaatag	ctgggattac	aagcgtgtgc	caccatgccc	gactaatttt	107520
tgtattttta	atgcagacag	ggtttcacca	tgtagccaa	gctgggtctg	aacttgtgac	107580
ctcaagtgat	tagcccacct	tggcctccca	aagtgttagg	attatagatg	tgagccaccg	107640
tgcctggcag	gggcctaggg	ttttcttttt	cagagtattt	taaactatga	attcagatta	107700
tttaatagat	ataggactat	tttaagttatc	tgtttcttct	tgagtgaatt	tttactgtag	107760
tttatggcct	ttgagtaatt	aattgtattg	aattgtcaaa	tttatgagcg	tgtaattatt	107820
tatagcattt	cgggtttgta	gtgggtatccc	tcttttattc	ctgggtgttg	caattgtgtc	107880
ttgtttttct	ttgtcagatt	gtatagggat	ttattagtct	tttcaaagaa	ctagcttttg	107940
ttttgatttt	tctgttgttt	tgttttcaat	tttattgatt	ttctgctctt	tattatttct	108000
tttctattat	ttctgcttgc	tttgggttta	ttttactctt	ttttttttct	ccaagttgct	108060
taaagtagaa	acttagatatt	ctggtttgag	acctttcttt	tctaagataa	gcattttaata	108120
ctgtaaattt	ccttctaacc	actgctttag	ttacaccccc	acaaattctg	gtattttgaa	108180
ctgagcacia	atgaaatggt	ctaatttccc	ttgaatctta	ttcttttacc	aatgaattat	108240
ttagaaatat	gttatttagt	ttgcaagcaa	ttggagactt	ttttcctggt	atttttctac	108300
catttatctt	tcatttcatt	atattatggg	cagagaatat	attttgaatg	atttcattta	108360
tttaattttta	aaaataacat	taaaaaattt	tttaaaatgt	gaatatacca	catacagtat	108420
aaagattgta	cattctgttt	ttggacagtt	ttctataaat	gtcaagttga	tttagttggg	108480
taatgatggg	gttcagtttt	tctttattct	tgctgatact	ttgtatgcag	ttatatcact	108540
ttattactca	gaagagtgtt	gaactttcca	actacaattt	ttttttccaa	ttttactttc	108600
agctctatct	ggtttttgctt	catgtatttt	gaggctctgt	tgtaggtgtt	gtacacattc	108660
aggatgatat	cttctgggtg	aattgcctgt	tttatcatta	tgtaattccc	tctttatggg	108720
aatttttcctt	gttctaagat	cagaaatatc	tggtgtccaa	tttatataga	cactgcagct	108780
ttcattttgat	tagtgcttgc	atggcatatc	tttttccatt	tttttacttt	tgatctacct	108840
ttataattct	atttaaaggg	ggcttcttgt	aggcagcata	tagttgggta	gtgttattta	108900
tttattttatt	tattttattta	tttattttatt	tattgagaca	gagttttgct	cttgttgccc	108960
aagctggagt	gcagtgggtgc	aatcctggct	taccacaacc	tccacctcct	gggttgccag	109020
gatttctcctg	cctcagcctc	ccaagtagct	gggattacag	gcacgcgcac	catgcctggc	109080
tgatttttttg	tatttttagt	agaaacggat	tttcaccatg	ttagccaggc	tcgtcttgaa	109140
ctcctgacct	caggtgatcc	acctgctttg	gcctcccaaa	gtgctgggat	tacaggcgtg	109200
agccactgca	cccggctgag	tcattgttatt	tttaatcttt	tctcacaata	cagggttttt	109260
gttggtaaat	tttaattattt	taatataaat	tttagtataa	ttattttacat	taaatgtaac	109320
tgttgcactg	gggtattttat	aatgtgtaaa	tataattatt	gggtattaata	taattatatt	109380
actcataata	atattaatat	ctttggattt	agattaccag	tttagtatat	gtttttctgt	109440
ttctccctct	ttgatttccc	cttttttgct	tttttttttt	ttttaattct	tatttttttt	109500
tagtattttgt	tgatcattct	tgggtgtttc	ttggagaggg	ggatttgcca	gggtcatagg	109560
acaatagtgt	agggaaggtc	agcagataaa	catgtgaaca	aggtctctgg	ttttcctaga	109620
cagaggacct	tgcggccttc	tgcagtgttt	gtgtccctgg	gtacttgaga	ttagggagtg	109680
gtgatgactc	ttaacgagca	tgtctgcctc	aagcatctgt	ttacaaaagc	acatcttgca	109740
ccacccttaa	tccatttaac	cctgagtggg	aatagcacat	gtttcagaga	gcaggggggt	109800
gggggtaagg	ttatagatta	acagcatccc	aaggcagaag	aatttttctt	agtacagaac	109860
aaaatggagt	ctcccatgtc	tacttctttc	tacacagaca	cagtaacaat	ctgatctctc	109920
tttctttttc	ccacatttcc	cccttttcta	ttcgacaaaa	ctgccatcgt	catcatggcc	109980
cgttctcaat	gagctgttgg	gtacacctcc	cagacggggg	ggcagctggg	cagagggggt	110040
cctcacttcc	cagatggggc	agccggggcag	agggcgcccc	cacctcccag	acgggggcagt	110100
ggccggggcgg	agggcgcccc	cacctccctc	ccggatgggg	cggctggccg	ggcggggggt	110160
gacccccccac	ctccctcccc	gacggggcg	ctggccgggg	gggggctgac	ccccccacct	110220
cctcccagat	ggggcgggctg	gccggggcg	ggctgcccc	cacctccctc	ccggacgggg	110280
cggctgcccgg	gctgaggggg	tcctcacttc	gcagaccggg	cggctgcccg	gcggaggggg	110340
tcctcacttc	tcagacgggg	cggccgggca	gagacgctcc	tcacctccca	gatgggggtg	110400
cggtcggggca	gagacactcc	tcagttccca	gacgggggtc	cggccgggca	gagggcgtcc	110460
tcccatccca	gacggggcg	cggggcagag	gtgggtccca	catctcagac	gatgggctgc	110520
cgggcagaga	cactcctcac	ttcctagacg	ggatggcagc	cgggaagagg	tgctcctcac	110580
ttcccagacg	gggcggccgg	tcagaggggg	tcctcacatc	ccagacgatg	ggcgggctagg	110640
cagagacgct	cctcacttcc	cggacggggg	ggcgggccgg	cagaggctgc	aatctcggca	110700
ctttggggagg	ccaaggcagg	cggctgggaa	gtggagggtg	tagggagctg	agatcacgcc	110760
actgcactcc	agcctgggca	acattgagca	ttgagtgagc	gagactccgt	ctgcaatcct	110820
ggcacctcgg	gagggcgagg	caggcagatc	actcgcggtc	aggagctgga	gaccagcccg	110880
gccaacacag	cgaaaccccg	tctccaccaa	aaaatgcaaa	aaccagtcag	gtgtggcggc	110940
gtgcgctcgc	aatcccaggc	actctgcagg	ctgaggcagg	agaatcaggc	agggaggttg	111000
cagtgagccg	agatggcggc	agtacagtcc	agcctcggct	ttcacaactt	tggtggcatc	111060

agagggagac	cggggagagg	gagagggaga	cgagggagag	cccctttttt	gctttctttt	111120
ggattatttg	aatttttctt	taaattttatt	tatcttactt	atttatttat	ttttttgagt	111180
gattctcctg	ccacagctcc	caagtagctg	ggactgcagg	catgtgccac	tacaccagc	111240
taattttttt	gtatttttag	tagagacagg	gtttcaccat	attggccagg	ctgggtctga	111300
actcttgacc	tcaagtgatc	cacctgcctc	ggcctcccaa	agtgtcggga	ttacaggcgt	111360
gagccaccat	gccctgcctt	tttctagaat	ttatatattg	agtctctgat	tgtatctttt	111420
tatgtaggct	tttttagtggc	ttctctagga	attacaatat	acatactttt	cacagtgtac	111480
tcacatttaa	tattttgtaa	cttcaagtgg	aatgtagaaa	acttaaccac	cataaaaata	111540
gaactaggga	tgaggttaaa	aaagagagag	aaaagaaatg	taataaagat	ttaataacac	111600
cgtttttttt	tttttttctc	tttttttttt	gagacagagt	ctctctttct	gttaccaggc	111660
tggagtgcag	tggcgtgatc	ttggctcact	gcaacctccg	cctcctgggt	tcaagtgttt	111720
ctcctgcctc	agcctactga	gtagctggga	ttacagggtgc	gcgccaccat	gcccagctaa	111780
tttttgtatt	tttagtagag	acggtttcac	tgtgttggcc	aggatggctc	cgatttcttg	111840
acctgtgat	tcgctctcct	cagcctccca	aagtgtcggg	attacaggcg	tgagccaccg	111900
cgcccggtta	agtctttaaa	tatttttttg	acattgcact	ttttctcttt	tccttctagg	111960
attttagtaa	cccaaatggt	agttttgtta	ttgtttggca	ggttcctgag	gctttcctta	112020
cttctttaaa	tttttttttc	ctgttgttca	gcttcgaaaa	tttctattca	tctgtcttca	112080
aattcactgg	ttctttcccg	ttatttccat	tctgttattg	agtctttgta	gtgaatttta	112140
aattttgttt	attatgtttt	ttagttctaa	aattttcttt	ttttgtgtat	gtcttatact	112200
ttgctcctga	aactcttatt	tgtttcagga	gtgatcttat	ttcttagagc	atgggttttag	112260
tagctactta	aaatttggtt	tatcatccca	gcataatgtg	cctcttgatt	gtcttttctc	112320
ttgtgagata	atgggatttt	ctggttcttt	atatgacaat	taattttgga	ttgtatcttg	112380
gacagtttga	cttacgttac	atgattctga	atcttgttta	aatcctgtgg	aaaatattga	112440
agtttttgc	ttaacaagca	gttgacctag	ttaggttcag	tccacaaatt	ctaagcagca	112500
ttctgtcggc	tctgggtcca	tcatcagttc	agttttgtat	cttatctgct	tatgtgcctt	112560
tctgtgtcca	gtctgggacc	tggccaatgg	tcagggtcca	aagcctttgt	acacttttag	112620
aagcagggcc	atgcacaccc	agctcacgag	tggccccggg	agtgcacata	caactcgacg	112680
ttttcatggg	ctccttcttt	tctgtgatgt	ccctgacacg	ttctgccttc	taagaacctc	112740
cctttatccc	tttctgtgtg	tctggctaga	aagtcagggc	tttagattcc	ctatacttca	112800
gcacacttcc	tgtagctatg	tcaacctctg	tggccacgac	ttcttcttct	tgggactgca	112860
gtttctcttg	tcagaaagta	ggattcttgg	agctgtctgc	attgctgctg	tggctgctct	112920
gatgctgcct	gggagtcgaa	ggagagaaag	gaacaaaaca	aaacaaccca	ggggatttcc	112980
tccactctct	ttgatccgtg	agagccccct	ttcctgttcc	tcagaccaga	aatagagggc	113040
ctgtcttgga	acttcttctt	tgtgcatctg	gtgtgcagtt	tcagcttttg	agtcaggcc	113100
aggaggtgct	ggacaaactt	gtcaggagta	cggaggtact	gcaagtctct	attacttttc	113160
tcagtcaccc	tgcctccaag	tccttggatg	catttgtcca	ttgttttgag	ttgcattcca	113220
tgggagagac	agaagagtgt	gcttatttca	tcttgacata	cttattagga	tttcatatca	113280
aatcaacgga	tgatattctc	tatattaatt	tgtgttttcc	cctttagcaa	gcacattagg	113340
aaaataaacac	tttaacaccc	gcctttgggtg	gtttctgtca	taattattaa	tacttgactt	113400
tttttttttt	tttgagacgg	agtctcactc	tgtcctttga	ggcattgtcc	ccataaactt	113460
ttggtaaagc	atcaataatt	ttatctttca	tccacacaag	cttcaccata	aatttgatgt	113520
ttattcttcc	attttagcag	aattcatggt	gtcccaatag	gggctgtctt	caaactgatg	113580
ttttctcctt	cttagtgcct	cagagtagat	cctgttcaga	tacgttataa	caggttaata	113640
tgagtttatt	ttgggtgtaa	agtactttga	aattcatgca	tagttttttc	atcatatgca	113700
ttttccatag	ctttgaacac	ccccatgtaa	ctctcctctt	ccacaaacca	aacaatgaaa	113760
aagcaccttt	gtgatggaag	tttattttgc	aataggaact	cacagtgatc	taagccctgc	113820
tattcatgaa	tataattcat	tactggagtc	caagttgctt	tttggttttt	gaagttctct	113880
tcttcccttg	caggatataga	acaagatgca	gtgaataact	ttaccaaata	tatatctcca	113940
gatgctgcta	aaccaatacc	aattacagaa	gcaatgagaa	atgacatcat	aggtaagcag	114000
tgcttgaaac	tatggcaaaa	aaaaaatgac	aaaaaatgca	cagaactgac	aattttcggt	114060
attgactaag	ataatttttt	cttaacatgg	aatttagcag	ttcccttctt	aatttggttt	114120
ctgagtattt	tttatatcgg	attatagctc	actttaaaaag	tttctcggct	gcattcgggtg	114180
cgaggggtctt	tgcctggggc	agatgggctg	cagtgtagcg	gggtgctcagg	cctgcccgtc	114240
gctgagcagc	cgggccggcg	ggcggctacg	ctaaccggca	cagaccaccg	gatggactgg	114300
ccggcagccc	cgcaccagtg	cacgaagtgg	gcgggacaga	aacttctggg	gttggaagtc	114360
cagtgaggct	aaaagccggt	accaaagtct	ctaggcatca	gggctgcagc	ccaagagtct	114420
cacgaccagt	gggcaactgg	atggccagac	agggtgtctca	gtgggtggcct	ctccgtctca	114480
gggcttcac	ccacttctca	gtgggcctga	cgtccctggg	caccctggat	gtctacctgc	114540
attagccaga	gccatcacat	ggcctgtgac	ttgccttttt	ttgccagttg	attgtgccac	114600
acacagtgtc	atttctgtgt	catttggcac	agctggaggt	gcaaggagga	gggcagcctc	114660
atgtccagtc	ccagtttcac	gtaactttat	tcttctgaat	aaagacaatt	tgctaacctt	114720
aaaaaaaaaa	aaaaaaaaaa	agtttttctt	atatgttgga	cccaaattct	taggctttta	114780
cctgaataac	aatgacagca	agatcaataa	atagtacaca	tttattaaac	actcactgtg	114840
tcccagacaa	tattccaagc	actttttatg	gatagactca	ttttaacttc	taaagaactt	114900
tgtgggataa	atacagttat	tttatagatg	aagaaactga	agcacagaga	agttaagtgc	114960

tttgtccagg	gtaacagctc	agatatggca	gagtcaggat	ttgaaactag	accctcacat	115020
accttaactg	ctgtgctgtg	gcagtgtttt	tcatactgta	ggttgggacc	agccttctct	115080
tatgcctca	ccccctgcc	aaaaaaaaa	aaaaaaaaa	aatatatat	atatatatat	115140
atatatatat	atatatatat	aatatatata	tataataaat	atatatatat	ataaaatata	115200
tgtattagta	tatatgcata	tatagtatat	attatatatt	agtatatata	ctaatatata	115260
atatacatat	tagtgtgtgt	atatatatat	atactagaat	aaaaaaatca	aagtatctca	115320
gagtagtaag	gacaaacatt	tcagaaaaat	gttttcatta	tataacatg	tatgtatgtg	115380
tatgctgatt	caacaaatat	atttcttata	ggttatagca	aaatagtttg	aaagctttta	115440
ctgtgtttta	tcaggaagac	cttaggtgaa	cgtatattca	cagataaaag	aggttattta	115500
ttcattcaat	aaatattaca	ttctcataag	tcctaataat	atgtattttt	attcttcaaa	115560
aaagttagta	tttgtgattt	atgaaataag	acatgttctt	gcacttttag	cagatctgtc	115620
ccgatgttgg	gcttctttaa	tccttagtgt	gggtgctttg	cactcactca	ctgctgggga	115680
cagcaagacc	cctgttagtc	tcagctgtgt	ttcttaaatt	ggcccactgt	accttccagt	115740
tagctattct	gggggtccatg	tcagtgttggc	tccattttcc	ttttctttct	cccacacaga	115800
tacctataac	ggctataaca	taggcctggg	ggctgttggg	ggcttatccc	tatctgcttg	115860
tatttaaggg	gtactgtttc	actgagtttt	gctgacagat	gttgtcatga	gatttgaggt	115920
tttctgtgtt	gttgctctat	ttttatgtgg	gaatttgcta	ctatcatcat	ccctagacca	115980
gcttttctta	gtaatacaac	agggatgttc	tgactgatta	gagtttgctt	gtttgaagaa	116040
ttgggtggct	agtgtttttt	ttttgagggg	agtctgtacc	agttaatagc	ctgactggcg	116100
tgtggataaa	aaggaagcag	tttcaagtca	aataaaacac	ttaaaatgaa	accacactgc	116160
aactctcttt	cttttactta	agcttaatca	aattaatgat	gatgtaatcc	catgaaggaa	116220
aagtcttctg	aaggatcaag	ttgataacat	tttgtgatca	aagaatttga	gaaaacctct	116280
atcccagtg	ctatcattat	atatttttagg	atgttaatta	cctgtgtggc	tttaggcaag	116340
tcatttttcc	tccttgagcc	ccattcttaa	tcctgtccaa	attatttgtc	tcctcttgca	116400
gttggaactat	tttaatatag	ctgtccttca	agtgtgtttt	gttcaaagga	gccttcactt	116460
tagctcttac	tgtgtaccca	ctttgcatag	tcttgtttta	aatgtaatcc	ttggattttt	116520
ggtgttgcta	actaattact	gtttttatgt	gaggatttag	agtgtatccag	aatctatact	116580
tgcactacct	ccttcactct	ccacaaatgt	ttgaagtggg	agaattttta	aaaactttga	116640
aggtacagct	gacagaattt	gctgatgggt	tgggaagtga	tggtatgaga	gggaaaaaaa	116700
ggaataaagc	atgactgcat	tttttgtttg	tttgtttgtt	tggttttgag	acggagtctc	116760
actctcgcca	ggctggagtg	cagtggcggt	atcttggctc	acggcaacct	ccgcctcctg	116820
ggttcaagcg	attcccctgc	ctcagcctcc	caagtagctg	ggactacagg	cgctcgccac	116880
cacgcctggc	taattttttt	ttttgtattt	tagtagaaac	gggggtttcac	cgtgttggcc	116940
aggatggtct	ccatctcctg	acctcatgat	ctactcacct	tggcctccca	aagtgtctgag	117000
gttacaggca	tatatataag	catataaagt	gtgttatagc	atacaaacag	gtatatatat	117060
aaacatgcag	tccacacagc	tgataggaat	gaggcagtag	tgaaggagaa	gttgatgtag	117120
gagaggggac	agttgttaca	ggaaagaagt	ctggaggcag	aagggatgaa	ttccagtgtc	117180
cacatagaag	attgcttaga	tgggagcaag	gacaatttat	ctagagtcac	aggaaagaat	117240
gcagtacacg	ggtagagatg	cagggtgagt	gaaagatgtg	agagatgatg	gaaataattt	117300
tctgattgct	tctatatctt	caaggaagca	ggaagcaaag	tcctcagcaa	agagaataga	117360
agaggtgtta	aatattttgag	aaaggagatg	tactgtagaa	aaaaaaaaaa	ctcagtttct	117420
ccttctgaac	tctcacaaaa	cagaaccctt	ccatgactct	agttgtgtgg	ggttttttcc	117480
ctgtcagcta	ccaattctgc	agatgattgt	tcagtgaaca	ccaactgggt	gtcctctaag	117540
tcagttcagt	tctcacactg	tttacctgga	gatagcatca	gatcccacag	attgaggact	117600
ctgtcccaca	agactgcctc	cacttcagat	gccagtctca	agtacaagtt	gtggcctgtg	117660
cttctgactg	accttctata	aattggagtt	cccacagtcc	cctccttggg	ttcaataaat	117720
ttgctagagc	agctctcaga	actcagggaa	atgctttaca	tatatattacc	catttattat	117780
aaaggatatt	acaaaggata	cagattgaac	aggcagatgg	aagagatgca	tgggcaaggt	117840
atgggagagg	ggcacagagc	ttccatgcac	tctccaggtc	atgccaccct	ccaagaacct	117900
ctacagattt	agctattcag	aagccccctt	ccccattctg	tccttttggg	ttttttgtgg	117960
agacttcatt	atataggcat	gattgatcat	tggctattgg	tgatcagctc	aaccttcagc	118020
cccctcatcc	cgggaggttg	gtgggtaggg	ctgaaagtcc	caaactgtga	attctgcctt	118080
ggtctttctg	gtgattagcc	ctcatcctaa	agctctttag	aggccacagc	cacaagtcat	118140
ctcattagcc	ttcaaaaagaa	tccagagatt	ccatgaattt	taggcgctgt	atgctaagaa	118200
actggctaaa	ggccagttgc	aatgtctcag	gcctgtaatc	ccagcacttt	gggaggctga	118260
ggcaggagga	tcgtttcagg	ccatgagatc	aaaaccagcc	tgggtcaacat	agtgagaccc	118320
ccttacaaaa	aattttaaaaa	ttggccaggc	gtaatagctc	ttgtctgtag	tctcagctac	118380
tcagaaggct	gaggatcact	gagccctgga	gttgaaggca	gcagtgagcc	atgatcgtgc	118440
cactgactcc	ggcttgggtg	acaaagtggg	accttgtctc	agaagaaaaa	ggaaaaaaaa	118500
aaaactgggc	aaagactaaa	taacatatatt	cacagtatca	cagatttgta	ttgtctagga	118560
aagtgaatgt	aaacagacca	ggacactagt	atgatccctt	ggtttcatga	agggtcccact	118620
aaagtcatga	acacaaagtg	agactaggca	tcagtgtata	tggtttttcc	agccatgttt	118680
aacagctagc	taaatagcta	attgtttcgc	tgcagtttat	tttagcagtt	ccttattttta	118740
gcacatttca	tgtttttaaaa	tttctaccaa	taacattttta	ataaactttt	ttacagataa	118800
cttcacaaat	ccataatttt	ttaagttaca	atcccagaaa	tagaattgct	cattgaaagg	118860

gtatgttcat	ttttaaagtt	atgctagaaa	ctgccaaatt	gccttcagaa	aaaggtgttt	118920
gtatccccac	taacactagt	gttagttttc	ttgtgcccct	gctcaagtat	acatattatt	118980
aaaaacaatg	ttggggccagt	ttactagata	aaaggtgtag	tgcctcctta	ttctaatacta	119040
tttgattact	agtgagtatg	tatgtctttt	cacgttggtc	attttatgtt	tgttcctttg	119100
tggattgtca	tgtcctttgc	tcattttttc	tttggaacat	ttcttagtag	tttataagag	119160
ctcttggtat	tttaaatgata	gtaacctttt	aactgtcatg	catgctgcaa	atcttttttc	119220
tgtttgtttg	cctttgtatt	ttgttttttg	agggtttcta	tgtataggaa	ttaaatttta	119280
tgttgttaaa	tcttttgatt	tctgcttttg	catatgtact	tcaaaagact	ttctatttta	119340
agatcaagtg	ttacctgtat	tttcttttag	ttctatttta	aacctcttaa	tttatatgcc	119400
tgtgctgtta	actcccaagt	tgattcacaa	gtgtgtatac	atagtttgaa	tttagtggca	119460
atttaattat	ttacaacttc	ttttgcagca	aggatttgtg	gagaagatgg	acaggtggat	119520
cccaactgtt	tctgttttggc	acagtcacata	gtcttttagtg	caatggagca	agagtaagtt	119580
agttcatatt	ttcacattgt	gcatcctagg	gaatttgggt	tcattgttag	gaatgggctt	119640
cactcagcta	aaaacaaagt	attttttgaga	atttaaatat	tttggaatatt	tacaagatca	119700
tataaagcat	actctatctt	ggttaacagt	ttctttttaa	tataaattat	gtgaactcct	119760
aaaattttca	ttttcatttt	caatgttaat	atttcctaag	ttaaaataat	ttgttttttag	119820
ttctgaaata	atttggggag	tgattgagtc	tgtagtgttt	atgactatta	gaattgggtt	119880
atttatttta	ataatgcatg	tcttcagatg	gctctcctaa	tttgtttagt	aggctttaag	119940
ctaaatggat	gctatataac	taaatccaca	tagatttgtt	gaaatggctc	cagagggttt	120000
ttagatttat	tactgctatg	tgccctttaa	aaaaatctat	tcattccttc	acttaacatt	120060
tatcagaaga	gtgctctgtg	taagacgtgg	ttaggcatag	tgccagtctt	gaaggaagtt	120120
acagccta	aaaagacata	gggcatgttg	tttgggttact	gtaatatgaa	gtggcatgtg	120180
ttaaatgtca	ggggagaact	acaaagtcat	aaaaaggtgg	gagagattac	atacaggtaa	120240
aggaatcagg	aatgacacca	tggggagtaa	ggtagtgttg	acctaggcct	ttaagataca	120300
atagggacag	tatggaaaga	gtatatTTTT	cccacttaaa	ctctttcctt	ggtcgttccc	120360
tcaaatTTTc	ccttttTgtc	atgtgcaggc	acttttagtga	gtttctgcga	agtcaccatt	120420
tctgtaaata	ccagattgaa	gtgctgacca	gtggaactgt	ttacctggct	gacattctct	120480
tctgtgagtc	agccctcttt	tatttctctg	aggtaaagtc	tgcatttctt	ttcacactct	120540
attcgagcat	tccagcctct	aactatcaat	gctggggccc	tgtctatagg	aaataacaca	120600
gaagagccaa	gtcatttcca	aaaagatgta	tcattgtttc	aagttgtttc	tgatggcaag	120660
agtaatttta	taatataatta	gagagaacat	gaaaattcaa	tgtattaaat	aactctaatt	120720
ttgagaaacc	taattaaact	actgcatgta	agagagtgc	tgtttttaat	tatttggagc	120780
tattttaaaa	ccacagaatt	tgaaacttgc	ttccagtgc	taaattgcag	accagacttc	120840
agaagagaaa	aaaagtagta	aattttttct	tatgctcatc	atttttactt	tagtcacttg	120900
ataggattgc	ccagtgaaga	agcatttgca	acagacaatg	agtataattaa	tcttttttgag	120960
gcatacagtt	tagtataatg	ctctttgtta	ggcttcaaca	agtgaattta	ttttgttggg	121020
aagcaa	ctattaagta	gaaagaggat	tccagtcctc	acaaagcagt	aatttagaca	121080
ctcgattctg	cctctttaca	agaatacagg	tactcagttg	atttgttttc	tcactccctt	121140
tctttgctat	aagtttaaat	caacaatttg	tttaggttaa	tatgtcctca	tggaatgggtg	121200
gaaatgatca	gatataaaat	atttgggttg	gttagtttac	tcttttatatg	tttgctggca	121260
aggaaccaca	aatccagttt	agtataattt	ttactctagt	tcactaaaag	tttgcaccca	121320
gctgtgtagg	tagtgtttgt	ttcttggtta	cttttttttc	gtctaaaaga	atacttttaa	121380
acttttcaat	ctcaaatgac	tgtaaacttgc	tgacagggtg	taacagaaga	agtagatctt	121440
tttgtttttt	gcttatgacc	tgtattttta	tatttgagct	tatagattag	agattgtgag	121500
agaaatctgt	ttatagtctt	attttccctt	gtgtattttt	tcttccctagt	acatggaaaa	121560
agaggatgca	gtgaatatct	tacaattctg	gttggcagca	gataacttcc	agtctcagct	121620
tgctgccaaa	aagggccaat	atgatggaca	ggaggcacag	aatgatgcca	tgattttata	121680
tgacaagtga	gttatattga	tagatggatt	cagcagatac	ttattgaaca	tttgatatgt	121740
tttgtggaaa	taaagatgaa	taaactcagt	ctctgttgtc	aaggagctca	caggaggcag	121800
cataaaagct	gcttttatat	ggtgttttga	aagctttggg	ggttcttaga	acaaaagttt	121860
ctgctgggaa	aggggaggtg	tatgtggggt	aaacaggatg	gcaatgggtg	tgttcaagga	121920
gtgtttccca	gaagagagat	tttgttttga	tcccaaagaa	agaagggaat	tttgctaccc	121980
agagaaggca	gaaaacaaca	ttctaggcaa	aggcattggc	ccagaagcca	tggaaacgta	122040
ggggaaagtg	gcactttcaa	gaaacttgag	tttagataat	caaaggagtg	gggaataaat	122100
atgaggatgc	tggtactaat	tgggaatagat	tgtaaaggac	cttgaatgcc	tatttatggg	122160
tatattatac	tttctgtata	aatctgctca	ggcacgttgt	taattagttt	tttattagtt	122220
ttcactgaaa	atgagaggat	ggaaacatca	tacagtaa	aaaattgaaa	atatctgggtc	122280
aggcagatga	tgagcttgtg	gccagctctg	taacgtatgg	tattcttttc	atttaacttt	122340
tcttactctg	taaaaaaagt	aattcgtggg	cgggcacggg	ggctcactcc	tgtaatcaca	122400
acactttgag	aggcagaggc	aggtgaatcg	cttgagccca	ggaatttgag	accagcctgg	122460
gcaacatggc	aaaacccgcc	tttactaaaa	atacaaaaat	tagctgagcg	tgatggcgtg	122520
cgctgttgt	cctagctact	taggggcctg	aggcagaagg	atcacctgag	ccttggggagg	122580
tcgaggctgc	agtgagctgt	gatccactgt	actccaccct	gggcagggca	gtagagtgag	122640
accctgtctc	caaaaaaaa	aaaaacaaca	aaggtaat	gttatttcta	tccttaagca	122700
aatgctaaag	gggtaacttg	gggatagaga	aaagtccaca	gatgttaggg	tttgaagaca	122760

ctaatagtat	ctaggccagt	ggttcctgaa	cattagtcctg	tgggctcttg	ctgggctgtc	122820
tgcataaggaa	tcacctgaga	gcttattaaa	aatagggtttt	caggctgggt	gcgggtggctc	122880
acgcctataa	tcccagcact	ttgggaggct	gaggcaggcg	gattacttga	ggtcaggcgt	122940
tcaagaccag	cctggccaac	atggtaaaac	cccgctctcta	ctaaaaatac	aagaattagc	123000
caggcatgat	ggcacacacc	tgtaatccca	gctactcagg	aggctgagga	aggagaattg	123060
ctcgagcccg	ggaggtggag	gttgcagtga	gcggagatca	tgccactgca	ctccaggctg	123120
gctgacagag	ggagactctg	tctcagaaaa	aaaaaaaaaa	atagggtttt	agtctgggta	123180
ccggtggctc	acacctgtaa	tcccagcact	ttgggaggcc	aaggcaggca	gatcacttga	123240
ggtcaggagt	ttgagaactg	cctggccaac	atagtgaac	cttgtctcta	ctagaaacta	123300
caaaaaatta	actgggcatt	ttgacgggtg	cctataatcc	cagctactag	ggaggctgag	123360
gcaggagaat	tgcttgaacc	cgggaggcag	aggactgcat	ctcaaaaaaa	aaaaaaaaaa	123420
aaagggtttcc	agtcacctctg	tctcagaaat	tctgattctg	cagggtttgag	gtgtgaccag	123480
gaatctttat	ttttagaaga	cataccagat	aattctgata	aatagccagt	ttagggatgt	123540
agtctaattt	tcctattttg	caagtaagga	aaataaggcc	cagagaggta	atgattttct	123600
caaagtcaca	gaacaagtta	gtggcagaa	ttggactgga	atgcagttct	taatgttctg	123660
tccagtgttt	attctgggtac	agtatgtttg	tagaagggtat	tacgtaagaa	acattgttat	123720
atagatgttg	agataggaag	agtttacatt	tagaaatttg	gtctaaaatg	cctgaacatt	123780
caagtcgttg	aggagtattg	accaacttac	tcaatacaac	ataggagatt	cacattttgt	123840
tacaaaaatg	ctgattttaa	aggagagttt	tctttttttt	cttctttttt	attttttgag	123900
atggagtctt	gctctgtcac	ccaggctaga	gtgcagtgc	acgatctcag	ctcactgcaa	123960
cctccacctc	ctgggttcaa	gcgggttctc	tgctcagcc	tcctgagtag	ctgggattac	124020
agggtgggggc	caccacgccc	agctaatttt	tgtattttta	gtagagacag	ggtttcacca	124080
tgttggccag	gccggtcttg	aactcctgac	ctcaagtgat	ccaccacca	ctgcctccca	124140
aagtgtctggg	attataggcg	tgagccactg	tgcccagcct	gcttgttttt	gtatcatata	124200
tatgcatcat	cataatcatg	cattatcaac	cttgttat	ctgtcaggac	atagaaacca	124260
ttagagtgtc	tggaagagag	cctttttttt	tttctcgc	ttaatgcttt	ttttggtatt	124320
catttcataa	tcagcttacc	aaaacattac	ctgcattata	ccccatcaag	gtagaaatct	124380
tttgtgtatc	aatattgggt	actcccttct	cacaccgagt	catcagtaag	tcctgttcta	124440
tccaaatagg	tcatatgcat	ctagctcacc	cctcagtgct	gttttgtttt	gaatttgtac	124500
atgtttactc	ctgatgcctt	gtagttatga	tgatgtgttc	ttattttatt	ctgtgcatac	124560
aagttctcag	ctcgcttttt	agggaaaatg	accatgtctt	cctttcctat	aaattccttt	124620
ctatctatca	agtcctcaac	agagaatagg	taccataaaa	tatgtgattg	ttagtttctt	124680
tgctcagtt	gtagtctgat	ccttacagct	tttaaacac	agtagagttc	accgtcaaga	124740
actaaggatg	gttggcaggc	agatagaaag	gtagcaagtt	gacccaacta	tctctgggga	124800
agtgggaaca	aagaaagggt	acatcagcac	tgtcatcaca	tagctctata	gttctaggcc	124860
tgagggtctc	atcaagtagc	cttgtataag	attctctgga	ggaggtgctg	aaagttgctt	124920
atacttgcta	tggaatttga	ttttacttcg	gatattcttt	taccatagg	acttctccct	124980
ccaagccaca	catcctcttg	gatttgatga	tgttgtacga	ttagaaattg	aatccaatat	125040
ctgcagggaa	gggtgggccac	tcccactg	tttcacaact	ccattacgtc	aggcctggac	125100
aaccatggag	aaggtaaccc	agaacttcaa	acgtatcaaa	ctacaagaag	ttttattgg	125160
agaactcata	aaatataagg	tgggaaaacc	aagcagaata	gcacagtgg	aattgaagca	125220
gtccagcaaa	gtgattaaga	gcagaggcct	tgagtctggc	ctgggtatg	cagtcacgtg	125280
ccacataaca	tttttagtcaa	cagtggactg	cgtgtacgat	ggtcctgtac	gattataatg	125340
gatcaaagct	ggtagtgcaa	taataacaaa	agtagaaaa	aataaatttt	aataagtaaa	125400
aaagaaaaaa	gaaaaactaa	aaagataaaa	gaataaccaa	gaacaaaaca	aaaaaaatta	125460
taatggagct	gaaaaatctc	tggtgcctca	tatttactgt	actatacttt	taatcattat	125520
tttagagtgc	tccttctact	tactaagaaa	acagtttaact	gtaaaacagc	ttcagacagg	125580
tccttcagga	ggtttccaga	aggaggcatt	gttatcaaag	gagatgacgg	ctccatgcgt	125640
gttactgccc	ctgaagacct	tccagtggga	caagatgtgg	agggtgaaaga	aagtgttatt	125700
gatgatcctg	accctgtgta	ggcttaggct	aatgtgggtg	tttgtcttag	tttttaacaa	125760
acaaatttaa	aaagaaaaaa	aaaattaaaa	atagaaaaaa	gcttataaaa	taaggatata	125820
atgaaaatat	ttttgtacag	ctgtatatgt	tttgtgtttt	agctgttatg	acaacagagt	125880
caaaaagcta	aaaaaagtaa	aacagttaaa	aagttacagt	aagctaattt	attattaaag	125940
aaaaaaattt	taaataaatt	tagtgtagcc	taagtgtaca	gtgtaagtct	acagtagtgt	126000
acaataatgt	gctaggcctt	cacattcact	taccactcac	tcgctgactc	acccagagca	126060
acttccagtc	ttgcaagctc	cattcatggt	aagtgcctta	tacagatgta	ccatttttta	126120
tccttttatac	tgtattttta	ctgtgccttt	tctgtatttg	tgtttaaata	cacaaattct	126180
taccattgca	atagtggcct	acgatattca	ttatagtaac	atgtgataca	ggtttgtagc	126240
ccaaaagcaa	taggttgtac	catatagcca	aggggtgtag	taggccatac	catctagggt	126300
tgtataagta	cactctgtga	tgtagcaca	atggcaagca	gcctaacgga	aattctgttt	126360
attgattgat	tgattgattg	attgattgag	acagagtttc	actccattgt	ccaggctgga	126420
gtgcagttgc	acagtcttgg	cacactgcaa	cttctgcctc	ccagggtcaa	ccaattatcc	126480
tgctcatcc	tcccaagtag	ctgggattac	aggcaggcac	caccatacct	ggctaatttt	126540
tgtatttttag	tagagacagg	gtttcaccat	tttggccagg	ctgttctcga	actcctgacc	126600
ttaagtgate	tgctgtcttt	ggcctccgaa	agtgtgtggga	ttacaggcat	gagctacat	126660

gcctgggcag	taactgaaat	tctctaatagc	catttttcctt	atctgtaaag	tgacgataat	126720
atgcacgttt	acctcaaagt	tacttttgatg	attaaagtaa	ggtaatgtat	ataaaaataca	126780
tattaacata	gtacctgaca	catggtaagc	atcaaaaaat	gttaactact	tttattacta	126840
ttattattac	gtattttttaa	ataattagag	agcagtatca	aaaattagct	gggcgtagtg	126900
gcatgcacct	atagttccag	ctactcagga	ggctgaagct	ggaggattgc	atgagcctgg	126960
gaattaaagg	ctgcagtgag	ccgtgttcat	gcccctgcac	tccagccttg	gtgacagagc	127020
aagaccctgt	cttgaacaat	taaagaaggc	attatgccgc	aacgttagct	tagaaatgat	127080
ccacatatat	caccagtaac	tgtcaacagg	attggaaccc	tagttttggg	tattatgatc	127140
acaaggtatt	attaatagct	tattaataat	aaagcgttgg	ctaggcacgg	cgactcacat	127200
ctgtaatccc	agcacttttg	gaggccgagg	tgggtggatc	acctgaggtc	aggagtttga	127260
gaccagcctg	accaacatgg	agaaacccca	tctctactaa	aaatacaaaa	ttagccgggc	127320
gtgggtggg	atgcctgtaa	tcccagctac	ttaggaggct	gaggcaggaa	aatctcttga	127380
accggggagg	cagaggttgc	agtgcagctga	gatcgcacca	ttgcactcca	gcctgggcaa	127440
caagagcaaa	actccgtctc	aaaaatataa	ttataataaa	taaataaaaag	taaagtattg	127500
atgttttgtga	atgattttatt	cttctaataga	actagaggag	atttttccag	gaatttcaga	127560
gccagtggag	ttatgttgct	tgtatgtgtc	atgtgtatcc	aggtgaaaaa	acttaattaa	127620
acgctattat	ataataccat	acataaaaac	tgaatttttag	gaatactgaa	gaatgacata	127680
tagaagtcaa	atcattaaat	agctagtagt	aaacagaata	gagtgtcagc	tgttacccaa	127740
tgatgataat	attttccagc	ttaaaattaa	accttttctg	atttttaaagg	aaaagttcag	127800
atctgtatca	tataaagaat	gtaaattttc	agggtataaa	aattaaaaatg	cagagagaaa	127860
aatgcaaaaa	tagttcttac	tagatgtgtg	tatgtaagga	acttagacta	attttaagaa	127920
cactgtcaag	accctggtag	ttaggtagga	aaaaagacat	gaatgattca	ttcaacaaaa	127980
actttgagta	tttctgtgct	agatggtagt	gttacagtgg	taaacaaaaat	aatgtgtttt	128040
ctgctatcct	ggagcttagt	ctacaaaaaa	ggtacatatt	ggccggggcac	ggtggctcac	128100
gcctgtaatc	ctagcacttt	ggaagatcga	ggcgggtgga	tcacctgagg	tcaggagttc	128160
aagaccagct	tggccaacat	ggcgaaaccc	cgtctctact	aaaaatacaa	aaattaactg	128220
ggtgtgggtg	cggacacctg	taatcccagc	tactcgggag	gctgaggcag	gagaatcact	128280
tgaacctggg	agacagaggt	tccagtgagt	cgagatcatg	ccactgcatt	ccagcccggg	128340
ggacaaaagc	gaaaatacgt	ctcaaaaaaa	caaaaacaaa	caacaaaggc	acgtattaaa	128400
tacgaacata	aatattttaca	aattatactg	aataagttct	catgtttatt	atttgcttgt	128460
ccagttacaa	acttttccct	cgtagaatta	gaaatataaa	taataaacat	gagaactcat	128520
tcagtataat	taataattat	taaatgtaaa	taaaaacatc	tatgtacaat	taggcattta	128580
tttaagaatt	atttgaaaaa	aaaacaatgt	ggaaacagat	attttgatat	attgctagtg	128640
attgaaattg	ataatgttct	tttgaagagt	aaagtgacca	tatatattaa	agttaaaatt	128700
taactcagca	atcacacgcc	tgggtgagtta	tcttaaggaa	atcagtttga	aagtaaaatc	128760
aatatatgca	caaagacttt	aacattttatc	ataaaccaga	aaaatcgagt	ttcaaattat	128820
atcctatgga	ctattttctg	ctaaaaagta	ttaatatcaa	ctttatgtaa	tactttcgtg	128880
acaaatattt	tggggggagaa	aacccaacaa	aattacatgc	attgtaat	tttttttttt	128940
ttttttttta	gacagtcttg	ctccagcgtc	caggctggag	tgcagtgggtg	caatctcggc	129000
tcactgcaac	ctccatctcc	caggttcaag	caattctcct	gcctcaggcc	tcccagtagt	129060
ctgggattac	aggcgctcac	caccatgcct	agctaatttt	tatagttttt	agtagagatg	129120
gggtttcctc	atgttggcca	ggctggtctt	gaactcctgg	tctcaagtga	tccgtctgcc	129180
tcggcctcct	agagtgtgta	gattacaggt	gtaagccact	gcacccagcc	ttatgcatta	129240
taattttta	ttgtaaactg	tacaaaggga	taatacttgt	agtacaacaa	gaagtaaaaa	129300
catttggttat	aggtagtta	catttgtaac	cagtagaatt	ataggtaaaa	tttattttatt	129360
taaaacagtt	ttagttggat	ttgatttcaa	ctttaaaaata	atgctttttca	tctctatcag	129420
gtcttttttgc	ctggccttttt	gtccagcaat	ctttattata	aatattttgaa	tgatctcatc	129480
cattcggttc	gaggagatga	atttctgggc	gggaacgtgt	cgtcgactgc	tcctggctct	129540
gttggccctc	ctgatgagtc	tcacccaggg	agttctgaca	gctctgcgtc	tcagggtattg	129600
actgattgcg	tctgccatta	gggagaaaaag	catacacatc	ctttccttca	catcccagta	129660
acagatccta	ttattttgtaa	attttaagtt	gtggaaaaaa	aagataaaaag	ccaggcacag	129720
tggcctgtgc	ctgtaatccc	agcacttttg	gaggctgcgg	tgggcggatc	acacgaggtc	129780
aggaattcga	gaccagcctg	gccgacatgg	tgaaacccca	tctctactaa	aaatacaaaa	129840
attagccggg	catgggtggca	ggcacctgta	atcctagcta	cttggggaggc	tgaggcagga	129900
gaatcgcttg	aacccaggag	gcagaggttg	caatgaacca	aatcacgcc	actgcactcc	129960
agcctgggtg	acaaagtggag	actgtgtctc	aaaaaaaaaa	aaaaaagaga	gaaataaaat	130020
tagcctactt	actatcttct	aatcaaagca	tttgtggtaa	cttaaaatat	actgtattgt	130080
aaagtatcat	gctgtttcat	ttaggccatt	attctatttg	aatctgtggc	tgtttctctt	130140
aataaatcaa	gtaatatgga	atatattcat	agcctctgaa	gagctcttta	tgttaagtatt	130200
tatttaggat	actttttgta	aaataagtga	atgaattcct	aggtctcctt	tttttttctt	130260
ttcttgagac	agggtctcct	cgctgcaacc	tggaaattct	gggctcaaat	aatccacca	130320
ccacagcctc	ctgaatagct	gggactagag	gcatgcacca	ccacgcctgg	ctaatttgaa	130380
attttttttt	ggccaggcat	gatggttcac	gcctgtaatc	ccagcacttt	gggagaccga	130440
ggcaggcaga	tcacgaggtc	gggagatgga	gaccagcctg	gccaacgtgg	tgaaaccccg	130500
tctctactaa	aaatacaaaa	attagctggt	tatggtggct	catgcctgta	atcccagcta	130560

cttgggagggc	tgaggcagga	gaatggcttc	aaccagggag	tcggaggttg	cagtgaagccg	130620
agatcacgcc	actgcactcc	tgcattgggtga	cagagtgaga	ctccatctca	aaaaaaattt	130680
tttttttaaa	tgatggagtc	ttgctgtgtt	gctcaggctg	gtcttgaacc	cctgacctca	130740
aatgccgcct	gcttcagcct	aagtttcttt	tttttttgta	aagagacagg	gtcttgctat	130800
gttggccagg	gtagtctcaa	actcctggct	tcaagcagtc	ctcccacctt	ggcctctcaa	130860
agtgtctggga	ttacaggcgt	gaaccactac	ctataatggt	gtgtttcact	caaggccttt	130920
tgatttctgt	ttgcattacc	gtgccacatt	gtgcatttcc	ttgacctttt	ttgggttttt	130980
tggagtgcct	tcatatgtta	aaccatacct	gattctcctc	aaaatcacac	aaagtagaat	131040
atcctaagac	aagaaatcta	aggaggcata	aagaagttaa	ctggttttat	taaactcaca	131100
cagtaaataga	tagagccaga	aataattccc	ttctagtgtt	cttcaccatc	agcttaatgt	131160
agcataataa	ttttctaat	actgttgaca	aataaataac	cctttgaatt	ttcaataactg	131220
ggccttggat	aaatttttct	aattttgtaag	agagtattat	cgtattgcca	tttaciaaagc	131280
tctcctgagt	atctttttct	tctgttaagt	ttacctagga	gataaactgc	tgagtatggg	131340
tgccattttg	gtttttttgat	atagggttaga	atgtcttggg	tttttttttt	ttttttttttg	131400
gtttttgttg	ttgtcattgt	ttgagacagc	atcttgcctc	gtcgcccagg	ctggagtgc	131460
atggcacgat	cgtggctcac	tgcaacctcc	acctcccggg	ttcaagcaat	tctcctgcct	131520
cagcttctctg	agtagctggg	attacaggca	tgtgcaacca	cacctggcta	atttttgtgt	131580
tttttagtaga	gaaggggttt	caccatgttg	gtcaggctgg	tattgaactg	ctgacctcat	131640
gatccacctg	cctcggcctc	ccaaagtgtc	gggattgcag	gcatgagcca	ctgcacctgg	131700
ctgaatgtct	tgtttttgat	taggcactta	agaaaggcct	aggtactaac	cataaaatat	131760
atttttatac	cttttgttga	tactatata	atagaaaact	gcacttatca	taaccttaga	131820
caccttgaag	aatgttcaca	agcagaacta	acctatgtga	cccagcatcc	agatcaaaaa	131880
cagcattatc	agccccctca	gaagccctct	tggggccctt	ccattcactg	tccttcttgt	131940
caccagggtg	gctactatcc	tgacttttga	tggcatagat	tagcattacc	tgttcttgtc	132000
attttataaa	taaaaccata	ctgtgtattc	ttttcttgta	cagctttatt	gtgctaattc	132060
acatttacat	catacaattc	agtgggtttt	atatgggtcac	agagttaggt	aaccattacc	132120
acatcgattt	tagaacattt	ttttcactcc	agatagaaac	cccctttact	taaactccaa	132180
atccccact	ccaccagccc	taggcagcca	ctagtctact	ttttatctct	atagagacaa	132240
tagatttgc	tattctggac	atttcataaa	catggaaccg	tatattatgt	ggctctttgt	132300
tgccaaactgt	ctttcactta	gcatcatgtg	ttcaaaagag	catcatgtta	tccatgtttg	132360
gcatgtatca	gaatttttatt	cctcattatg	gccaaatatc	ccattgcaag	gatttatgac	132420
attttatattg	aattgtaccc	tcctttctgc	catttatcaa	taatgctact	gtgaccattt	132480
gtgtacaagt	ttttgtgtgg	atacagggtt	tcttttttgtt	tttaaatttg	aggtggagtc	132540
ttgtctctgtc	gccaggctg	gagtgcagtg	gcacaatctc	ggctcactgc	aacctctgtc	132600
tcttggttcc	aagcagttct	cctgcctcag	cctcccaggt	atctgggact	ataggcacgc	132660
accaccacgc	ccagctaatt	tttttagtaga	gatgggggtt	cacctgttg	gccagctctg	132720
tctcgaactc	ttgacctcaa	gtgatccacc	catctcggcc	tcccaaagtg	ctgggattac	132780
aggggtgagc	cactatgccc	ggctgtgtgt	ttcatttctt	ttgtttgtata	tacataggag	132840
tagaattgct	gagtcaagag	gtaactctta	aacttattga	aaaactgcca	gattgttttc	132900
cgaaaaggct	gcaccatttt	gcaatcccac	cagcagtgtg	tgagttttac	agcttctcca	132960
catttcattg	gaacttatta	tctgtttggc	tgttttttaa	aatgatagtc	attccaataa	133020
gttctacttc	agtgtgggtt	ttgcacttct	ctgatgagta	atgatgttga	gcatcttttc	133080
atttgcttat	tggcctttgt	tctagctttg	gaaaaatgtt	tattcaaate	ctttggccat	133140
ttttattttt	atttttattt	atttattttt	ttttgagacc	aagtctcact	ctgtcagcca	133200
ggctggagta	caatgggtgtg	gtctcagctc	actgcaacct	ccgctcctg	tgttcaagtg	133260
attctcctgc	ctcagcctcc	cgagttagctg	ggattacatt	tcaggcacct	gccagcatgc	133320
cgggctgatt	tttgtatttt	tactagtgc	agggtttcac	catgttagcc	aggctggtca	133380
caaactcctg	acctcagggtg	atctgcctgc	ctaggcttcc	caaagtgtg	ggattacagg	133440
cgtgagccat	tgggcccagc	ctagattttc	ttttttcttt	ttttttttga	gaaggagtct	133500
tgctcttgtt	gccaggctg	gagtgcattg	gcacaatctt	ggctcactgc	aacctctgcc	133560
tcttggttcc	aagcgatttt	cctgcctcag	cctcccaggt	agctgggatt	acagggtgct	133620
accaccacac	ccagctaact	tttgtatttt	tttttagagac	agggtttcac	catgttggcc	133680
aggctggtct	caactcctga	cctcagggtga	tccacctgcc	ttggcctccc	gaagtgtctg	133740
gattacoggc	atgagctacc	aggcccagcc	aattttctca	ttatatgtcc	caggctggtc	133800
tcaaactcct	gggttcaagt	gatectcctg	ccttggcctc	ccaaagtgtg	gggagtacag	133860
gcgtgagcca	ccttgctcag	cccctttgcc	cattttttaa	ttagattgcc	tttttatatt	133920
gagtttcagg	agtcctttat	atattctaga	taaatgtccc	ttatcaaatt	atattatttc	133980
caggatattt	cttcattctg	tgagttgtct	ttcctctacc	ttttaaaaaa	gggtgggtttt	134040
tgtttgtttg	tttgtttgtt	tttttaagat	aagggtctcat	tctgctgccc	aggctggagt	134100
gcagtggcac	aatcacagct	cactgccacc	tcaacttctc	gggcggaagt	gacctcttta	134160
cttcagcctc	ctgaatagct	agggccatag	atacacacta	tcacacccag	cttttttttt	134220
ctgtttgtag	agacagatct	tactgtgttg	ccaagtgtg	tctcaaactc	taggctcaaa	134280
gtgattctcc	cacctctgcc	tcccagagtg	ctgggattac	aggtgtgagc	cacacgcaac	134340
ctgtcttttc	actattaata	gtgtcttctc	gcttcagcct	cccagtagc	tgggattaca	134400
ggcaccaccc	accatgcctg	gctaattttt	ttgcattttt	agtagagaca	gtgtttcacc	134460

atgttcaccc	ggctgggtctt	gaactcctga	cctcaggtga	ttcacctgcc	atggcctccc	134520
aaagtgtctg	gattacaggg	gtgagccact	gcacccggcc	aaaatattgc	cttcttaaca	134580
gtattgtctt	ctaatttgtg	aacatggatg	tatcttcatg	tattttatgt	ttctttcatt	134640
tcagcagaat	tttgtagttt	tcagagtaga	agcctttcac	ctccttgggt	catttattcc	134700
tatgttttaa	gttctttttcg	attccattat	aaatagaatt	gtttttcttaa	tttcattttc	134760
agattgtttg	atgagagagc	atagaaatac	aagtgatttt	tacatgttga	tcttgcaact	134820
tcaactttga	taaatctgat	tgtttagctct	aatagttttc	ttgtggattc	tttaggattt	134880
tcaatatata	agatcatgtc	atztatggat	agagatagtt	ttttttctgg	ctagaactta	134940
cagagcaatg	atgagtagaa	gtggcagaag	caaaaatctt	tgtcttggtt	cctatctgac	135000
agggaaagct	ttcagtttca	tcattttaata	tgatgttagg	tgtgggtttt	caataaatgc	135060
ctttttttcag	attcaggaat	ttccctatca	ttcctgattt	tttaaggctt	tttttttttt	135120
ttaaatcatg	aaaggggtgt	gaatattgtc	atgttctttc	tgtatcagta	taaatgatcc	135180
tatggatttt	gggtttttatt	ctggtgatgt	gaaatattaa	ttgattttca	gatgttaaac	135240
caaccttgca	tacctgagat	gaatctcact	tggtcatggg	gtataatctt	ttcaatatgc	135300
tgctggattc	cattttactgg	tattttgttg	aagattttgt	atctgaacgc	ttaagataac	135360
atttacactc	tatcagaaat	gaattgacca	taaatgtgag	agtgtatttg	tgggttcttg	135420
attctcttcc	attccaaaga	tagacataca	tccgtctgta	tgtctgtctt	tatgccagta	135480
ccatactctc	ttgattacta	ttgctttgta	ataagttttg	aaatcagaaa	gtataaatga	135540
gatttttggt	tctgagtaac	agtcctcata	gaattagttg	ggaaatattc	cctctttatt	135600
ctgggtccctc	tttctttttt	gtttaactgt	gtatcttgga	gattgttcc	tctcaacaca	135660
tgagagccgc	tttccctacc	ctcccacccc	tgctatagag	aggtctataa	gtgtctgttc	135720
aattatttta	tttacttaac	ctattactta	gtcggggaca	ttagcttgt	ttatgtcttt	135780
tatttttaaac	aatgctgcag	tgaataatct	tgtatataag	tcattttcca	tcaatataag	135840
tctctctgta	actgaatttt	tagaagtgg	atctctaggt	caacctatgg	ctctgtattt	135900
cacaaaaata	ccaattctgg	tttttcttgt	ggaggtgggg	agtaggaggt	agaatgctgg	135960
aggagaactt	gctgtactca	gctggctagt	cattttagaa	aggtttccct	agcttctttt	136020
tgctcatatg	cctcaccaag	aatcaaaaac	attcctattt	accctgtaaa	catggggctt	136080
tactacccaa	gatacatatt	tctggatgta	tgacagcttt	tcataattga	gaaataatgc	136140
tgtgagtaca	gcacatttgt	tggaacttag	gtcgttaaga	atgtcttata	aattcataca	136200
ttatacatatt	tatttttat	tatttttttag	tttttgatac	agagtcttcc	tctgtcgccc	136260
aggccagcgt	gcagtgggtac	aatcttggct	cactgcgacc	tccatctcct	gggctcaagt	136320
gattctcatg	tctcagcctc	cagagtagct	atgggttacag	gcacatgacca	ccatgcccg	136380
ctaatttttt	tattttttagt	agaaactggg	tttcaccata	ttgaccatgc	tggcctcgaa	136440
ctcttggcct	caagtgatcg	gcctgcctca	gcctcccaaa	gtgctgggat	ccttgtattg	136500
ggtaaaagat	gaatattgag	ggctgcatgg	tggtctatac	ctgtaatccc	agcactttct	136560
gagactgagg	tgggaggagt	cctggagccc	aggaggtga	ggctgcagtg	agtgtgatc	136620
gcgccattgc	acttcaacct	aggaattata	ggcttcagtc	actgtgccc	gcacgtacat	136680
tttaaatattg	tgcttttctc	tttttagctat	agtatgaggt	tacatttcag	agtcattgtt	136740
gttaagcatc	ttaatagtga	tgaggttgag	tgaaagttag	ttctatttca	aacactgaag	136800
aaaattttgt	acaaatctgt	cacattccaa	gcccaggact	gattgtttca	tatacttcta	136860
atttttacaat	ttctattgta	gtccagtggt	aaaaaagcca	gtattaaaa	actgaaaaat	136920
tttgatgaag	cgataattgt	ggatgcggca	agtcgtggatc	cagaatcttt	atatcaacgg	136980
acatatgccg	ggtaagctta	gctcatgcct	agaattttta	caagtgtaaa	taactttgca	137040
tctttttaaat	tttttaatta	aatttttacat	ttttttctaa	tctattatta	tatgcccaga	137100
actttcactt	agagtgtgca	gtataatgtg	gtggttaagt	ataaaggctc	tggagtgaat	137160
tcctgggttt	taatcttggc	tctgccattt	attggcagcc	gctaacctct	tggatatctca	137220
gtttcttcat	ctgtaaaatg	agaataataa	agtgaataa	tgccaacatc	atttactctg	137280
ggctgcataa	ctgataactg	gaaaaagtat	tcctttgagt	ttaagaatta	agttgggttat	137340
tcatttttagc	ttgtaataaa	aagatagtga	ttcataggat	atgccactta	ctgaaattta	137400
ccacagatcc	aatcataaaa	tcactttctc	ttccctaaag	atagcttgat	taacatgtaa	137460
aggtgtgtaa	aggcttgatt	acactaccct	gatecgtacc	ccagttccca	gcagcaccat	137520
gaaaaaggga	tttcaacata	tttaattact	ttcagtagaa	agtaacagtg	gtaggccagg	137580
cgcagtggct	cacacctgta	atcccagcac	tttgggaggg	cgaggtgggc	ggatcacgag	137640
gtcaggagat	tgagaccatc	ctggctaaca	cgatgaaacc	ccgtctctac	taaaaataca	137700
aaaaatttagc	cgggcatggg	ggcaggcacc	tgtagtccca	gctacttggg	aggctgagac	137760
aggagaatgg	cgtgagccc	ggaggcggag	cttgacagtga	gcttagattg	tgccactgca	137820
ctccagcctg	cgcagtggag	cgagactctt	gtctcaaaaa	aaaagaaagt	aacagtggta	137880
ttgggagact	gaggagccta	gaaagtactt	gaaggaaagta	aaaggtttgt	ttgaccacat	137940
tgtattttgga	aagccagctt	tttcagctgt	gtcagctttg	tgtagtgtatt	tttagttctt	138000
cttttagaaa	ataacggaca	aggccgggca	cgggtggctca	cgcctgtaat	cccaccactt	138060
tgggaggccg	agacgggccc	attacctgat	ctcaggaggt	cgagaccagc	ctgggcaaca	138120
tgggtgaaacc	ccgtctctac	taaaatacaa	aaagttagcc	gggctgtgtg	gcgtgtgcct	138180
gtagtcccag	ctactccgga	ggctgaggca	ggagaattgc	ttgaacccgg	gaggcggagg	138240
ttgcagtggg	ccaagatcac	accattgcac	tgacagcctgc	gcgacagagt	aagactctgt	138300
ctcaaaaaat	aataataaaa	taaaaaagaa	tggacagtaa	acctaataatga	gttcattccc	138360

aaagatgatg	ttattccttaa	gggatgggttc	atttatttta	gacettacat	aaagtctatc	138420
aattgcggtga	tttttcactt	ctgtaattgt	gtgtatgtat	aatgtaaata	tatatgtttt	138480
tgttttgttt	tggttttttg	agacggagtc	tcgctctgtt	gctcaggctg	gaatgcagtg	138540
gtgcaatctc	agctctctgc	aacctctgtc	tcccagggttc	aagcgtttct	tctgcctcat	138600
cctcccaagt	agctgggact	acaggcacgt	gccaccacgc	ccggctaatt	ttttgtattt	138660
ttagtagaga	tggggtttca	ccgtgttagc	caggatggtc	tcaatctcct	gacctcgtga	138720
tccaccgccc	ttggcttccc	aaagtgttgc	tattacaggc	atgagccacc	acaccagca	138780
tgtatttttt	aaatgtataa	aatgaagcag	aaaagagaaa	tgataatttt	tcttcactct	138840
gaaagattat	cttcaccagg	cgcagtggct	cacacttgta	atcccagcac	tttgggaggc	138900
ctcggcaggc	ggctcacttg	agttcgaaac	cagcctggcc	gacatgggtga	aactccgtct	138960
ctactaaaaa	taaataaata	aagatggttt	taatataatg	tttagtttta	tgatttttagc	139020
atctttctga	aatttttctc	aaggcaagta	aatttgtatc	agttgggtata	ttgggtacca	139080
tctatgaaat	aacttattag	gaagatatct	ctaaaataag	atcactttgc	ctaaaaataa	139140
ctgatataat	gatgttcaca	gaatttttct	tttaaccgac	ttgataaatg	cattattctt	139200
gacgtcaagt	gatccacctt	cctcagcctc	ccaaagtgtc	gggattacac	acatgagcca	139260
ccgcacctgg	cattattctt	ataaaaagggt	aaatttctag	ttaagttaa	tgtcctcttt	139320
gttcatgtac	cattgcttat	tttcttccct	tcctactcac	agtaatcatt	cttatgggtat	139380
gcacttttgt	ttgcttattt	ttatgttaatt	gatattacgc	tccattctgt	acgttgtact	139440
ttcattcaca	gtgagttttg	gacattccta	tgttcatcta	tacagactta	cttcatttta	139500
actacactgt	agtattccgt	atgtaaatatt	tactataact	catcactgta	gcagagcatc	139560
tcatagtgtg	tgtattactg	ttttgccatt	ttgggtatcaa	tgagtattta	agtcatttgc	139620
agtttttccc	tcttataccc	agtattacag	aggatctctt	tttatatgct	tctttgtacc	139680
aagaggcaga	ttaaaaaatt	tttttttgaa	aaaatttttg	aaaaaaaatg	aaatgaagtc	139740
tcactatggt	gcccaggctg	gtctcaaact	cctaggtctc	agcaatcctt	ccatcttggc	139800
ctcccaaagt	gctgggggtta	caggcatgag	ccaccatgcc	tggcctacat	tttaaatttt	139860
gatagctctt	acaatttact	ttgtaaaagta	tctgcatcat	tttatgttct	caccagtctt	139920
taataagaat	acttcatact	tttggctgga	cacagtggct	cacgcctgta	atcccagcac	139980
tttgggaggc	cgaggcgggc	agatcaagag	atcgagacca	ccctggccaa	tatgggtgaaa	140040
ccctgtctct	actaaaaata	caaaaattag	ctgggcgtgg	tggcgcaccc	gtagtcccag	140100
ctactcgaga	ggctgagaca	ggagaatcac	ttgaaccggg	gaggtggagg	ttgcagtga	140160
cttagatcac	accactgcac	tccagcctag	caacagagtg	agactctgtc	tcaaaaaaaa	140220
aaaagaatac	ttcagactta	attttttttc	cagtcttaag	tgtttgctaa	tgagattgag	140280
tttcttttgg	tatgtctctt	gattgttcag	gttttttctt	ttatgaattg	actgttcatc	140340
tctttttcac	attatttctg	ttgggtgatt	ttattagtga	cttggttaaaa	ttctgtatat	140400
tttttcagca	tgacacttca	ttattcaaaa	aaaaaaaag	attctctatg	tttctcgata	140460
ctaatacattg	gttggttaata	ccttaaaaaat	aagaccctta	ctgtattttt	tgcttttttt	140520
tttttttttt	tttttttttt	tttgagatag	agtcttgctc	tggtgcccag	gctggagtgc	140580
aatgggtatga	tctcggctct	cagctcactg	caactgcaac	ctctacctcc	ctgtttcaag	140640
caattctcct	gccttagcct	cccaagtagc	tgggattaca	ggcatccacc	accacaccca	140700
gctaattttt	gtatttttag	tagagacagg	gtttcaccat	gttgccagg	ctgggtctcaa	140760
actactggcc	tcaagtgate	cgcctgcctc	ggcatcccaa	agtactggga	ttacaggcat	140820
gagccacagt	gcctagccac	tttttgcttt	ttactttgt	tttatagtag	tatagtttta	140880
gtataaacag	atgtatgtat	acacacaact	atggctttat	aatatgtttc	agtcattgtt	140940
agagcaaggc	ctaccttttg	ggtgcttctt	ttacaaaatt	gtcttggtta	ttcttgtgcc	141000
ttttttctta	tttgtgaatt	ttagaattgt	gaattacctg	ttgactcacc	atgttttgta	141060
aactgaggat	tttgaatgga	attgcactca	attaaagatt	atcttgcttt	ctgtgcagca	141120
atgtttttatt	tcaaataatc	cctactttta	attacttagg	atagctataa	atttgtgttc	141180
tggcttttcta	gatttagatg	aaacgcttta	aattgattgt	tttctcctaa	attttaaact	141240
gattgttaga	agttaaagtc	ttctgttcat	tcttatttag	gaagatgaca	tttggaagag	141300
tcagtgactt	ggggcaattc	atccgagaat	ctgagcctga	acctgatgta	aggaaatcaa	141360
aagggtttgtg	gtgtttttat	acttcataat	aagcctttac	tcacattagt	gattgactgt	141420
aagtcaaaga	ccacttaagg	tttaaactgt	ttattttgta	aagtaaccac	tgtatctttc	141480
accttgtgtt	tatagtcaga	agtaagtaca	agggcttctt	gtagtcacat	ctttatgcaa	141540
tctcctctga	atcaaaaagt	agtgaacttg	ctttgccact	ccagaaggca	catgaatatg	141600
aaaaagcatt	gtctattttc	ttatttaatg	gcaaaaatacc	cgacctaaagt	tggacttaat	141660
gtttgagacc	gtttattttta	ttaaattata	ttttttctct	tttctttttt	ttttttgaga	141720
cagttcttgc	tctgtcaccc	agaccggagt	gcagtgggtc	gaccgcacct	cactgcaacc	141780
tctgcttctt	aggttcaagc	gatttttctg	cctcatcctc	ctgagtagct	gggactacaa	141840
gtgctgacca	ccacacctgg	ctaatttttg	tatttttagc	agagatgagg	tttcaccacg	141900
ttggctaggc	tgggtctcata	ctcctgacct	caagcaatcc	atccgccttg	gcttcccaaa	141960
gtgctgggat	tacaagtgtg	agccaccatg	cctggcctta	ttaaattatt	tttattaaat	142020
ttcctcaaga	ttgatgaaag	taatgaaata	taaaagtaat	gaaatatatg	tggaaaatag	142080
actggattaa	gaaaatgtgg	cacatataca	ccatggatac	tatgcagcca	taaaaaagga	142140
tgagttcatg	tctttgttag	ggacatggat	gaagctggaa	accatcattc	tgagcaaact	142200
gtctcaagga	tagaaaacca	aacaccgcat	gctctcactc	ataggtggga	attgaacaat	142260

gagaacactt ggacacaggg tggggaacat cacacgctgg ggcctgtcgt ggggtggggg 142320
 gctgggggag gaatagcatt aggagatata cctaataata atgacgagtt aatgggtgca 142380
 gcacaccaac atggtacatg tatacatatg taacaaagct gcacgttggt cacatgtacc 142440
 ctagaactta aagtataata aatttataaaa aaataaatat atgtggaaaa tattaatagg 142500
 tcaaaattca aattgttcat ttaatcagaa gagtagttta gtcaaatcca aggggttagac 142560
 aacagaaatc ttttttgtca agtgcattct ttgtgactga tttcattttc ttcctgggtt 142620
 acacaggaag atttcagaaa caaatgtgga tccgtgacag atggtatcta gaagttttta 142680
 gtttggttga attgacagta ttttattgag taaaagatac taatttttgt aagaagaaaa 142740
 attcaatttt gataagtatg ttttaagatta agagctattg gccaggcgct gtggctcatg 142800
 cctgtaatcc tagcactttg ggaagctgga gcaggtgggt cacgaggtca agagattgag 142860
 accatcctgg ccaacatggt gaaacctgt ctctactaaa ttagccaggc gtgggtggcac 142920
 atgcctgtgc acccgctcc gggtttaagc gatcctactg cctcaggctc ctgagtagct 142980
 gggattacag gcgccatggc taatttttgc atttttagta gagacagggg ttcactacat 143040
 tggccaggct ggtctgggtc caaactcctg acctcagggt atctgcccgcc cttagcctcc 143100
 caaagtgtcg ggattacagg catgattcac catgtctggc catttatctt attttctttt 143160
 tttttttttt ttttgtttga gacggagtct tgctgtgtcg ccagagctg gagtgcaatg 143220
 gtgcgatctc agctcactgc aacctctgcc tcctgggttc aagcaattct cctgcctcag 143280
 tcttccaagt agctgggatt acaggcgctg gccaccacat ctagctaatt tttgtatttt 143340
 tagtagagac agggtttcac catgttggtc aggtctgggt cggaactcct gacctcgtaa 143400
 tctgcccacc tcggcctccc aaagtgtgga gattacaagt gtgagccact gtgcccagcc 143460
 atcttatttt ctttcttttt ttttgtcggg tgggaggggg acagagtcta gctctgtcgc 143520
 caggcttggc tcaactgcaac ctctgcccc accagcctg caattattct gcctcagcct 143580
 cccaagtagc tgggattata ggcacctgcc accacgctg gctaattttt tgttattttt 143640
 agtagagatg gggttttgct atgttgacca tgctggcctc aagtgatccg cccaccttgg 143700
 cctcccaaag tactgggctt acaggcgtga gcttgtattg ggtaaaagaa caatattggg 143760
 ggctgcatgg tggttcatac ctgtaatctg agcactttgt gagactgaga tggaaggagt 143820
 gtgggagccc aggaggggtga ggctgcggct gcagtgaatt gtgatcacgc cattgcactt 143880
 ccacctaggt aatggagcaa gacctgtct ctaaaaaaca aaacacaatt tttttaagga 143940
 atactgggaa gaggtcagtg gtggttttag aacagaggaa gtgccagatg acctttgtga 144000
 ggcattggcc aggaagaact ctacagtgtc tttaggtagc ttctgtccat aaggataatg 144060
 gggctccttc cccagtatta atagaaaatc tctgagctgt ttttttttgt ttgtttgttt 144120
 tgtttttttt tctgagatg gagtctctct ctgtcggcca ggctggagtg ctgtggcgcg 144180
 atcttggctc actgcaagct ctgcctccca gggtcacacc attctcctgc ctcagcctcc 144240
 caagtagctg ggactacagg tgtccaccac cacgcccagc taattttttg ttatttttag 144300
 tagagatggg gtttcaccat gtcagccagg atggtctcga tctcctgacc tcgtgatccg 144360
 ctgcctctg ccttgcaaag tgctggagtt acaggcgtga gccaccgtgc ctggcctggg 144420
 ttttttgttg ttgttattta tttatttatt tatttatttt ttgagacaga ctctcgctct 144480
 gtcgcccggg ctggagtgtg gtggcacgat gtcggctcac tgcaagctct gcctgccagg 144540
 ttcaagccat tctcctgect cagcctcctg agtagcaggg accacaggcg ctcgccacca 144600
 cgcccggcta attttttgta tttttagaag agacgggggt tcaccgcatt agccaggatg 144660
 gtctcgatct cctgatgtcg tgatccgccc acctcggcct cccaaagtgc tgggattaca 144720
 ggtgtgagcc acogtgctg gcctgatttt tttttttttt taatctggtc tcatacctct 144780
 gacagctcat gaagaagtgc tctgcttca tatgtatatg tgttagcata gtgttaacat 144840
 agcataggtg ttcggtgttt gcagtttctg tttgttttat atgaattaag gtgtattatg 144900
 agcagttgaa gatatatagg aaattttttc ccaaaccact atctctgctc gttctattca 144960
 ttcagctctg ttatgttatt ccttcattca ttcattttat agaacagtgg agtgcctact 145020
 gtatgcatct attgttctgg gtccctggga agaaaacaaa gttcctgctt tcatggaact 145080
 tacattatat tggcggagac agtaacagac aaacaaatgt agcctgtgta catgtgttac 145140
 atgaaaagca gggtaggggg ctgggagaga gtagtaggga gtgctatttt cgaggtgggt 145200
 gtcaggaaag gcctcactga ggaggtggca ttttgagtag acctgagcgc agcggggggcg 145260
 taagcccagg cagcatgtgg aggaagagtg ttcttggtga aaggaacaag gatagaggcc 145320
 cgaagctaga gagctcagca tgatcaagga acagcaagcc ccgtgtggct ggaatggagt 145380
 gagcaaagga atgagcagta gaaggtgagt gagttgggag gtcaccagag accatggcaa 145440
 ggacttgaaa gtgtcaggga cacattggaa gttggagcag ggaaatgatg ggatttatgt 145500
 tttgtttttg ttttatgttt agtgttttta agggattgct ctatcagcta tttggaaaat 145560
 ttagtgtagg gcttcaagaa gagaagcaga gaaacaacat tcttgccata gtcatagtct 145620
 aagtaaggga tgatgggtgg gtggattagg ctggtagtgg aagaccagtc cagttcgggt 145680
 tgtatttgaa ggtagaggca aaaagattat atttctacca gcaagcccat ctatgaagtt 145740
 acttgtatta ttaatttaat tgagacatgc ccacataaac taataaatag gaatttctgc 145800
 agtttggtta aacacctctg tatatcctgg ttcttctttt agttgtccag atgtctcttt 145860
 aagtcaagta ttttttgggt gtgtaggagc ctagagattg aatttattca cccaaaaggc 145920
 atttgagtga ttactatgtg ccaggcacta tgctgaatgc caaggatgta aataagaggg 145980
 cgtagtctca gtctgtttta ctccagcttg gttccttttt aatgacctg acctgttaag 146040
 catatcagtt atcctacaga atgtttaatc ttctgtactt tcctgggtgt gttatttagc 146100
 ttatttctct ttccttgaca tttcttgtaa actggaagtt acacctatag tcttgatgat 146160

t c g t g t t a c a	c a t t t t t a g a t	t a g a a c a c a t	c a t g t g t t g t	a t a t g g t g t t	t t t g a a a g c c	146220
t c t c t g t a t a	t t g g t c t g t a	c a t t a a a a t g	t t g c c t g a a t	g g a t a c a c a t	a a a a t t t a a c	146280
a g t g a t t a c a	t t a g a g a t g a	g a a g a a a g a g	g t g c c t t t t a	c t t t t c a a t a	t a c c t t t t t c c	146340
t c t g c t t t t t	g a a c t t t t c t t	g c c c t a t g c a	t a c g t t a t t g	c t t a a t c a t c	c a c c t c a t c t	146400
c t t c c c c t g t	g g c t t t c t g t	t g c a t t t g g a	a t g a a a t c t a	g c c t c t t t g c	t g t t a c c t g t	146460
g g a t g t c c c t	t g c t g g c c t c	t a t c a c c t t a	c t t t g a a c c a	c t c c t t t c a t	g g a c t g a g c t	146520
c t c a t t g g a c	t a t c t t t t a t	t c t t t t g c t g	a a g t t t c t t c	a c t t t g a g t g	c c t c t g c a g t	146580
t g c t a t t t c a	t g g c t g t g g c	a a g c c c t g c c	a t g g c t t t c a	t g c a a g g a t g	g t t c c t c c t t	146640
c t c a t c t c a a	t a t t a t c t c t	t c a g a g a g g g	a c c t t c c c a a	c t c c g a t g a t	c t a a a a t c c t	146700
t t g t a t a t a c	c a c t c a c t a c	c a c t t c t t t c	t t t t c t t t t c	c t t t t a t c t t	t t t t t t t t t t	146760
t t t t t t t t t t	g a g a t a g g g t	c t t g c t c t g t	t g c c c a g g c t	g g a a t c a c g a	c t c a c t g c a g	146820
c c t c a t c t t c	t t g g g c t c a a	a t g a t c c t c t	c a c c t c a g c c	t c t c g a g t a g	c t g g a a c t g c	146880
a g g c a c a c a c	c a c c a t a c t t	g g c t t a t t a t	t t t a c t t t t t	g t a g a g a c a g	g g t t t c a c c a	146940
a g g c t g g t c t	c a a g c t c c t g	c c g c a a g c a a	t c c a c a t c t c	t c a g c c t c c c	a a a g t a t t g g	147000
g a t t a t a g g a	g t g a g c c a c t	a c t c c t g g c c	t a t t t t c t t a	t t c a c t g t c t	a a a a t t a t c t	147060
t g t t c a t t t a	t t t a c a t a c t	t g t t t a t a g c	t t a t t t c t c a	g c t g g a c a t g	g t g c c t c a c a	147120
c c t g t a a t c t	c a a t a c t t t g	g g a g g c t g g g	t t g g a g a a t t	g g t t g a g c c c	a g g a c t t c a a	147180
g a c c a g c c t g	g g c a a c a a a g	t g a g a c c c t g	t c t a t a a a a a	a t t g t t t a a a	a a t t a g c t g g	147240
g c a t g g t g g c	a c a t g c c t g t	g g t c c c a g c t	a c t t g g g a g g	c a g a g g t g g g	a g a a t c g c t t	147300
g g g c c c a g g a	g g t t g a g g c g	a c g g t g a g c c	a t g a t t g t g c	c a c t g c a c t c	t a g c c t a g t g	147360
a c a g a g t g a g	a c c a t g t g t c	t a a a a a g t a a	a t a a a a a t a g	t t t c t c t t t c	a t g a c t a g a a	147420
t a t t a c c t c t	a t g t g g g c a g	g g a g t t t g t c	t a t a c t a t t t	g g c a c t a t a t	t t c c t g a t t c	147480
t g a a a t t a t g	c c t a g c a c a t	g g t a a g t a c t	c c t t a a a t a t	t t a t t g a c t g	a a t t a t t t a a	147540
t a c t t a a g a a	t t t c a t t t g g	g a t t a t c t g a	g t g g t a a g a t	t a c g g a t t a t	a t t t a t g t a a	147600
g a a a a a a t c a	t t t t t t a a a c	t t g g t t g c c c	t t t g c c a c a c	t g a c a t a g a c	a c t a a g t t t t	147660
c t t a g c c a g a	t t a c t t c c g a	g g a t a c t c a c	a g a g g c c a t t	c t c t t c t c a a	t c c c c a a a t a	147720
a t t g a t a t t t	c t t a g c a c t t	t c a a g c t a a t	g c a a t t c t t a	g a t g a t g t a t	c t g t g t a t a t	147780
c a t a t c c t c a	t t c t a c a a a t	g t a g a a a t t g	a a g t c t g g g c	a c a g t g g c t c	t c a c c t g t a a	147840
t c t c a g c a g t	t t g g g a g g c c	a a g g c g a g c g	g a t c a c t g a g	g a c a a g a g t t	a a g a c c a g c c	147900
t g g c c a a c a t	g g t a a a g c c t	t g c c t c t a t t	a a a a a t a c a a	c a a t t a g g g c	c g g g c g t g g t	147960
g g c t c a c g c c	t a t a a t c c c a	g c a c g t t g g g	a g g c c a a g g c	a g g c a g a t c a	c g a g g t c a g g	148020
a g t t c g a g a c	c a t c c t g g c t	a a c a c a g t g a	a a c c c c a t c t	c t a c t a a a a a	t a c a a a a a a t	148080
t a g c c a g g c a	t g g t g g c a c g	c g c t t g t a g t	c c c a g c t a t c	g g g a g g c t g a	g g c a g g t g a a	148140
t c c c t t g a a c	c c g g g a g g c g	g a g g t t g c a a	t g a g c t g a g a	t t g c a c c g c t	g a a c t c c a g c	148200
c t g g t c a a c a	g a g g g a g a c t	c t g t c t c a a a	a a a a a a a a a a	a a a a a c a a a t	a g c c a g g c g t	148260
g g t g g c g g g t	a c g a g t a c c t	g t a a t c c c a g	c t a c t a g g g a	g g c t g a g g g a	g g a g a a t c a c	148320
t t a a a c c c a g	g a g g t g g a g t	t t g c a g c g g g	c t g a t a a t g c	a c c a c t a c a t	t c c a g c c t g g	148380
g c a a c a g a g t	g a g a c t c t g t	c t t a a a a a a a	a a a a a a a g a a	a g a a a g a a a t	t g a g g a a t g t	148440
g g a g a t t g t g	g t c t g t g a t t	t g t t a g g a a t	c a c a c a g c a g	g t t a g t a g c a	a c t a c a g g g c	148500
t t t g g t t c a g	a a t a c c a c c t	t g a c a a t g g t	t t g t t t a c a g	t t c g g c t c c c	c t t c c t c t g c	148560
c t t t c t c t c c	t t c c t t a t t g	a g g g c a g c t g	g a a a g a a t t t	t c a t c a t t t a	c t a g c c t a t a	148620
g c t t t a a t t t	g a g t t t t g a a	a c c t t g a t a a	t a g a g c a c a g	a g g a a a g a c	t g a g t t t t c t	148680
t t t t t t g a g a	c a g t c t t g c t	c t a t g g c c c a	g g c t g g a g t g	c a g t g a c a c c	a t c t c a g c t g	148740
g t t g c a a c c t	c t g c c t c c c a	g g t t c a a g c a	a t t c t g c c t c	a g c c t c t c g a	g t a g c t g a g a	148800
t t a c a g g c a c	g t g t c a c c a c	g c c c a g c t a a	t t t t c t g t t t	t t g t t t c g t t	t t g t t t t t t t	148860
c t g a g a t g g a	g t c t t g c t c t	g t c a c c c a g g	c t g g a g t g c a	g t g g t g c g a t	g t t g g c t c a c	148920
t c a a a c c t c t	g t c t c c t g g g	t t c a a g c a a t	t c t t c t g c c t	c a g c c t c c c c	a g t a g c t g g g	148980
a c t a c a g g t a	c g t g c c a c c a	t c c c t a g t t c	a t t t t t g t a t	g t t t a g t a g a	g a t g g g g t t t	149040
c a c t a t g t t g	a c c a g g c t g g	t c t c g a a c t c	c t g a t c t c a g	g t g a t c t a c t	c g t c t c a g t t	149100
t c c c a a a g t g	c t g g g a t t a t	t g g c a c a c g c	c t a t t t t t g t	a t t t t t a g t a	g a g a c g g g g t	149160
t t c a c c a t g t	t g g t t a g a c t	g g t c t c a a a c	t t c t g a c c t c	a a g t g a t t t g	c c c g c c c c a g	149220
c c t c c c a a a g	t g c t g g g a t t	a c a g g c g t g a	g c c a c c g t g c	c c a g c c a a g a	t t g a g t t t t g	149280
a a a a g a g c c t	t c t g a g a t t a	t g a g a a g g g c	a a g c a a g a t a	a c t t a a g a a g	t t a c a t t a a a	149340
a t c a t c t a a g	a g a c a g t g t a	a c a a g a a g g a	a t t g t a a a a t	g a t g t t a t g a	g c a c g t g c c c	149400
a a t g t a g t g g	c a a t c c c t t g	t g c t t c g a t a	c a t t g g t g g g	a g a c a a a a c t	g t a c t t a a a t	149460
t g a t a a a t c c	c t t a c a t g t c	a t t t t a a g g a	g c t t a g a c t g	a c t c c c a t c a	t g t a g a c a t c	149520
a g a g a t t t c t	t t t t t t t t t t	t t t t t t t t t t	t t t t t t t t t t	t t t g t g a c a g	a g t t t t g c t c	149580
t t g t t g c c g a	g g c t g g a g t g	c a a t g g c g t g	a t c t c g g c t c	a c c a c a a c c t	c c a c c t c c c a	149640
g g t t c a a g c a	a t t c t c c t g c	c t c a g c c t c c	c g a g t a g c t g	g g a t t a c a g c	c a t g c a c c a c	149700
c a c g c c t g g c	t a a t t t t g t a	t t t t t a g t a g	a g a c g g g g t t	t c t c c a t g t t	g t g g c t g g t c	149760
t c g a a c t c c t	g a c c t c a g g t	g a t c c t c c c g	c c t c a g c c a c	c c a a a g t t c t	g a a a t t a c a g	149820
g c g t g a g c c a	c c g c g c c c a g	c c c a g a g a t t	t c t a a a c a g a	g t t c t a a c c a	g a t g c t t t t c	149880
c c t g t c a g t a	g a a t g a g a a t	g a a t t g g a g g	t g g g a g a g a c	t g g c a t g a g g	g a c a c c a g t c	149940
a g c c a g t g g a	a t t a g c t g g t	a a t g t t g a t a	g g a g a a g a a a	a a g a t t c a a a	g t t a g g t a g t	150000
g g t a g c a a g a	a t t a g a g g g a	a g g t c g g a t t	t a t g a t a t g t	c c a a g g t t g a	a t t c t a a g g t	150060

gaaatttgggt	ggcagatttc	atgtgtaa	at	at	at	150120
ggtttttctaa	catgtcaata	gagtgactct	gc	gc	gc	150180
gggggtgattc	aacagccagt	tgagccttca	tg	tg	tg	150240
actctgggttg	gcagtaaaat	ttcatttaaac	ca	ca	ca	150300
attgaggggaa	aaggatccag	gttttgtatt	tt	tt	tt	150360
gaccttgccct	caagaaataa	tctaccaaca	at	at	at	150420
tgagcatgtt	caaattatta	aataaaaaaag	ta	ta	ta	150480
ggctggccta	cttcggatga	ttctcagcat	gt	gt	gt	150540
gggagttaag	gcgtactctg	gcttggatag	ag	ag	ag	150600
cagctagttt	atatagacta	gagaactaga	at	at	at	150660
ttttatatag	gagctgggtct	ggaagggttg	aa	aa	aa	150720
atgtattgct	agattcttac	ccaagagcat	ta	ta	ta	150780
tttggtttttt	aatgtttgcc	acaaactaac	ac	ac	ac	150840
agagtagaag	aaaagtccag	aactctgaaa	ca	ca	ca	150900
gtttgcaagt	taaatgctct	gttatgtaag	ca	ca	ca	150960
tccttagtgt	tttgggggtat	cacacaaaaa	aga	aga	aga	151020
taaataagag	cattgtgggtg	gtgggtgggtga	tag	tag	tag	151080
agtctcgctc	tgttgcccag	gttggagtgc	ag	ag	ag	151140
tgctcccagg	ttcaagcaat	tcttctgcct	ca	ca	ca	151200
cctgctacca	tgccctggctg	attttttatta	ta	ta	ta	151260
ccaggctgggt	cttgaactct	taacctcagg	ga	ga	ga	151320
tgggaattaca	ggcatgaacc	accatggcca	gc	gc	gc	151380
atgcatgaaa	tgtacattca	attttgtctt	tg	tg	tg	151440
atgaagaaat	gggtgcaagg	aaatactgat	ga	ga	ga	151500
tttctgttta	taagtgccac	cctcatgtaa	gt	gt	gt	151560
tcccatgttt	aagcagcatg	gcacatttat	gt	gt	gt	151620
gtgggtccctt	cttaacatct	aacaattgcc	tg	tg	tg	151680
gaggctagga	ccactgaagg	atatacatgc	at	at	at	151740
gtaatcagtg	tgtagatcaa	aagctcaaat	gt	gt	gt	151800
agtagtggag	gcttgctttt	ttaatagtta	at	at	at	151860
aaaggaaaat	gtttttatttt	gaccatctaa	ta	ta	ta	151920
tagttgacac	tgggaagacag	ggaatgacat	gt	gt	gt	151980
gttttttctgt	acatgggaat	gaaattctta	tc	tc	tc	152040
catttggttaa	gagcactgag	tatgtgcac	tc	tc	tc	152100
cagtttaaat	tatttttcttt	aggcccagga	ag	ag	ag	152160
agtcagtgc	attatgcagc	aggctcagta	tg	tg	tg	152220
aaggatgact	tcgtttttgtg	taaactaaaa	ag	ag	ag	152280
agaacataag	gggttttcttt	gccttttgaag	ga	ga	ga	152340
cataagcaac	tagaaaattg	acaaactaaa	tg	tg	tg	152400
gggcaataca	gggaaaccat	ggaaacccaa	ca	ca	ca	152460
gttaaatatc	aaagttcagg	ccagggtgcag	tg	tg	tg	152520
gaggccaagg	cgggtgaatc	acttgagggtc	ag	ag	ag	152580
tgaacccttg	tcttagccgg	gtgtgggtggc	ag	ag	ag	152640
ctgaggcagg	agaatcgctt	gaaccaggga	gg	gg	gg	152700
cactgcactc	cagcctgggc	gacgagcgaa	ac	ac	ac	152760
gagagctcaa	tttgagttaga	agttgttagga	ta	ta	ta	152820
aaagaaagcc	gtagagatat	ttagagagat	tc	tc	tc	152880
gtatatgtgt	ggggtgaaaa	cgcattgtgtc	ca	ca	ca	152940
ctgaatgatt	gctggaacat	agggctaaga	aa	aa	aa	153000
gtagagagac	ttagtaatac	acaaggcatt	gg	gg	gg	153060
ctactgaaga	taaattagtc	ctagagtaca	ag	ag	ag	153120
ttaaagggtc	aaattaccta	acaactgcat	gc	gc	gc	153180
taacacaaca	aaattcagca	cttcacagtg	ta	ta	ta	153240
gcgcagtggc	tcatgcctgt	aatcccagca	ct	ct	ct	153300
gaggtcagga	gttcaagacc	agcctggcta	ac	ac	ac	153360
acaaaaactt	agccaggcat	ggtggccggc	ac	ac	ac	153420
ggcaggagaa	ttgcctgaac	ccaggaggtg	aa	aa	aa	153480
gcactctgggt	ctgggcaaaa	agagcaaaac	tc	tc	tc	153540
cgtcaatcac	aaattaccaa	gcatgacatg	aa	aa	aa	153600
tctatagaaa	cagaccagga	tgtgagaaag	at	at	at	153660
gtggctattt	taaatattaa	aaatatgttc	aa	aa	aa	153720
aatcccagca	ctttgggagg	ccaagggtggg	ta	ta	ta	153780
gtgaaacccc	ttctctacta	aaaatacaaaa	aa	aa	aa	153840
atagtcccag	ctatatggga	ggctgaggga	ca	ca	ca	153900
ttgaggttgc	agtaagccga	gattgtgcca	ct	ct	ct	153960

actctgtctc	aaaaaaaaaa	aaaaaaaaag	taaagaaaac	aagagtataa	tgagaaaaat	154020
gcaaaatagt	tttaaaagaa	ccaaatggaa	tttcttaaaa	taaaaaatac	cagaaatggg	154080
ggccgggctg	ggtagctcac	gtctataatc	ccagcacttt	gtgggggctg	aggcaggcag	154140
atcacctgag	atcggtagtt	caaggccagc	ctgaccaaca	tggagaaacc	tcatctctac	154200
taaaaataca	aaatttagctg	ggcgtgggtg	cgcattgcct	gtaatcccag	ctacttggga	154260
ggctgaggca	ggagaattgc	ttgaaccctg	gaggcagagg	ttgcggtgag	ctgagattgc	154320
accagtgcac	tccagcttgg	gccacaagag	tgaaactccg	tctcaaaaaa	aaaacaaaaa	154380
aaaacagtag	actcgaagaa	ctagctgagt	ttttctttac	tttaggcagt	aagtgtgacc	154440
ttttgcaggt	gactacttta	gttcctcatg	tcctcattag	tagatcagag	aaattcgaca	154500
ccaaaacccc	aaaagaaaaa	ccccttctaa	tcctcattcc	atgattttat	gaatgcatga	154560
agtccttaggc	ctgcgaagga	atactcattc	tctttatcct	gtgttgatac	ctctctgctt	154620
caacctccaa	ctcgacattt	gcctatagga	tgtacttgga	cattcagcat	aaactacctc	154680
acaccattac	tgaattgctt	catgtgcaca	tgtcccatgc	cacaataccg	gggaccttgt	154740
cttccgtgat	atttgtccgc	agtgtgtgga	ctacaggagg	gagtcagtga	atgtctgcat	154800
gtgtgtcttt	accatccctc	ttgaatatgc	tctaggggta	attcctagaa	gtagaattac	154860
tctattgaaa	attggcaata	tttttcattc	taatatctat	tgccaacatg	ggaaagcaag	154920
tctggatgcc	agtccttggt	atatgccctt	tgggtaagtt	acgtaacctc	tttaagcttc	154980
tgttcactca	tattttaaca	aggaaaatta	caatatttta	cctcacaaaa	ttgtagtcat	155040
cttctggctg	tcttaaaactc	tggtatatag	taaacactaa	gtgttggtgt	ccatccttaa	155100
tttgtaataa	taggtcactt	gttagagaaa	tgcaccttac	cattttcttt	tcttttcttt	155160
tttcagttat	gactcaaaac	ttgagataaa	ggaaatctgc	ttgtgaaaaa	taagagaact	155220
tttttccttt	ggttggattc	ttcaacacag	ccaatgaaaa	cagcactata	tttctgatct	155280
gtcactgttg	tttccaggag	agaatgggag	acaatcctag	acttccacca	taatgcagtt	155340
acctgtaggc	ataattgatg	cacatgatgt	tcacacagtg	agagtcttaa	agatacaaaa	155400
tggtattggt	tacattacta	gaaaattatt	agttttccaa	tggcaataac	ccatttatga	155460
gagtgtttta	gcctactgga	atagacaggg	accacatcct	ctgggaagca	gataagcata	155520
gaactgatac	ttgatgcaca	ctcgtagtgg	taactcatcc	ctaatacaga	ttgtaaagca	155580
ggtgccagag	gtgggttgct	ttgtccttcc	aaagcagggtg	agtccagccc	accgagagcc	155640
aggcagcttt	gagtggcagc	gtgggtgctag	cagcttcagc	ggaacagggt	gagagttaat	155700
tatgcagtct	tcttgacagc	ggcattaatt	tggaaaggaa	ctgacaagtc	atgggtcaag	155760
tttcagtgac	ttcctccttc	ctctgatggc	agtatatagt	tttcacattt	taattcctcc	155820
tcttgagatg	cactatactt	aaaaccattc	tctcccctgc	taacagaagg	gtgtgaatct	155880
ggtttacttt	gagcattagg	atttgcccct	ttggaattct	gcactccagt	tacttaactt	155940
tcccttcaga	atacatgtgg	aaagaaagaa	agaaatagcg	atgactccac	ttttgcccct	156000
gtggcacctt	gaacaaagca	gttcttccca	aattatactt	tttttttttt	taaataaggt	156060
gagcaggatg	actggggaga	gagaaacatt	tgactttgac	tgccctcccc	attctttgct	156120
gtgagctgga	aagtgtgcag	ttgggtcgtc	ttcttctcct	ttcttttagga	tagtaagaga	156180
ctcactcact	gcacttctgc	tcagttgggt	tctgcatcgg	gatcacacag	ccatcagcag	156240
gactgcccag	ttggtgagca	cactccattg	accacgtggc	gccagcgctt	cctcaatgca	156300
catgattgag	aggaaagaaa	gttctcttag	atgttactgc	ttttgctcag	actttgcaaa	156360
aaaaaaaaata	tatatatata	tgtataaata	tataattatt	aatcactttt	gtccttgaga	156420
aagtcttgaa	tgaacagaga	atttattcca	ttgcaatatt	tgattgtata	gaggcacact	156480
gtttcatcga	cagaagaagc	aaaaaggctt	tgtgtaagtt	tttggtacta	tgtaccacct	156540
ctgttattct	tttaaagctg	aagtattcat	gtacttaaac	catattatat	ttaatttgtgt	156600
ttgatttttaa	aatatatata	tatgaattct	attttaaatt	gtgtcaactt	tctgctttca	156660
gggcatttat	ggctcttctg	ttgaaatata	ttgatcttct	caaataatttt	catttgcttt	156720
ctaaaaaccc	agaacatgag	ccactactgg	actttgcctt	gtgtttgaa	tgtatggcat	156780
aaacccaagg	tttttattag	tcatctatgc	tgtgattaat	tcattttggt	cttttaacaa	156840
aatattttcca	tccacttcac	attgcttcaa	tctttaacag	aaaagcaata	taaagggttat	156900
agaataaaaat	gtgggttttg	gcaactcttg	ctgcctctgc	atgttttgga	ataacaattt	156960
ctacaagact	ctaggctggt	taaactagtg	ctttcagtta	agataaattc	taatcatttc	157020
tttgatatata	cattttgtgc	ttctgagcta	gagatgccaa	gtagttgtaa	actgcttata	157080
aagagaatag	cagcaaattt	gagactcggc	tacttttttc	tgccccacct	gctttgagac	157140
acagaagcgg	agtgtggccc	gaaattatta	gccagattta	atatttgatc	taaagtaggt	157200
ccttgacttc	attttaaagt	tggaaattga	ttcctccaac	attgagcacc	caccatgttc	157260
caggctctgt	gcattgtgcc	cacaaaataa	gattccctgg	tggagttttt	atgggttcaa	157320
ataatcagtt	gaacaccctt	catctttatc	atgttggtga	cattgacaca	aattgtttta	157380
aaagaaaaga	tattagagag	aaagtgggtac	ctttgtaact	tgatgtgtct	tcatcattcg	157440
gtaagatttg	atgaaagtaa	aaagcaaatg	tcagccaaat	ccagtgaaca	gcaataaaac	157500
agggagtaac	tttttataac	tttttctact	tggatttcaa	cattcagtag	agcttttcga	157560
aatgtaagta	gtttacagta	ctggagggtt	gactagtcca	gtagggaatt	ggaggggaag	157620
gtcattctga	attgtaacaa	agtacaaact	tctttgctgt	tttattttaag	tactgagagc	157680
taagcacctg	atgaagtgc	tgacctctct	ccagtgcag	tgtttgggta	cctgcctgac	157740
ttcaggagtg	gggtttatgt	ttctacacag	tgaccttttc	tctcgccttc	tcctccctct	157800
tgcccacaca	ccagttgatt	ggacctgggt	tgaactcctg	atccagacag	gcccagaca	157860

gttcttaatg	ttaagaattt	tggggccggg	cacggtggct	catgcctgta	attgcaacac	157920
tttgggaggg	cgagacaggg	ggatcacttg	aggtcagggg	ttcgaggcca	gcctgggcaa	157980
catggtgaaa	ccctgtcttt	actaaaaata	caaaaattag	ctgggcatgg	tggcgcacgc	158040
ctgtaatccc	agctacgtgg	gtggctgaga	caggggaatc	gcttgaacct	ggaggcggag	158100
gttgtgcaat	gagccgagac	cgtgtcactg	cattccagcc	tgggtgacag	agggagactc	158160
tgtctccaaa	aataaaaaata	agaaaaagaa	ttttgggcta	ggtgcagtgg	ctcacgcctg	158220
taattacagc	atthttggaag	gccccagatg	ggcagatcac	ttgaggacag	gagttcgaga	158280
ccagcctgga	caacatggtg	aaactccatc	tctactaaaa	agacaaaagt	tagccagatg	158340
tgggtgatggg	cacctataat	cctagctcct	cgggaggctg	gggcaggaga	atcacttgaa	158400
cccaggaagc	agagattgca	gtgagccaag	atcacatctc	tgcactccag	cctgggcaac	158460
agagcaagac	tctgtctcaa	aaaaaaaaaga	atthggccag	gcgagtggtg	tcacgcctgt	158520
aatcccagca	ctthgggagg	ccaaggcagg	cagatcacga	ggtcaggaga	tcgagattgt	158580
cctggctaac	atgggtgaaac	cctgtctcta	ctaaaaatac	aaaacattag	ccgggtgtgg	158640
tgggtgggcac	ctgtagtccc	agctactagg	gaggctgagg	cagaggaagg	atgtgaaccc	158700
aggaggcggg	gcttgacagta	agccaagatc	gtgccactgc	actacagtct	gggcgacaga	158760
gtgagactcc	gtctcaaaaa	aaaaaagaat	tttggccggg	tgcggtggca	catgcctgta	158820
gtcccagcac	tttgggagac	caaagtgggc	ggattacctg	aggtcaggag	ttcaagacca	158880
gtccggccaa	tatggcgaaa	ccctgtctct	tactaaaaaa	aatacaaaaa	ttagccaggt	158940
gtgggtggcgg	gcacctgggg	aggctgaggc	agggagaaat	gcttgaaccg	gggaggcaga	159000
ggttgacagta	agccaagatc	gtgccactgc	actccagagc	aagactcttt	ctcaaaaaaa	159060
aaaaaaaaaag	aatthttgcat	ggggaaggag	agatactggt	caccatctgg	aatggtgctt	159120
ggatgtggca	cttacaaaat	caggagccag	cactgcatgg	acaaacagaa	gcatgtgggc	159180
ctgagatagc	aggtaccttg	ataaccctga	agacatcctt	ggtttctgca	tctattcctg	159240
catccttgca	ttggactaca	ttaatctgtc	agttatcctt	ataatgattt	ttgatttttt	159300
tttttttgaga	tggagtthtcg	ctcttggtgc	ccaggctgga	gtgcaatggc	acgatctcgg	159360
ctcaccacaa	cctccacctc	ccaggttcaa	gtgattctgc	tgcctcagcc	tcctgagtaa	159420
ctgggattac	aggcatgcgc	caccacacct	ggctaatttt	gtatttttag	tagagacggg	159480
gtttctccat	gttggtcagg	ctggtctcga	actcccaacc	tcagggtgatc	accctgtctc	159540
ggcctcccaa	agtgtcggga	ttacaggcgt	aagccatggt	acccggtctg	ttttttgatt	159600
ttttgaaacc	agtctgaagt	gagttttttt	aattacgtga	aaggagtttg	gctaaaatac	159660
tgccatactg	ccctaattgc	taatgattat	gtattctcag	catgtctgca	aagtactgct	159720
gatttctgga	gaataatttt	tcttttagtaa	acttcactta	agtcgtcatg	tgtattctct	159780
caaaatggta	tcctaacctt	atggagctaa	aagacacccc	ttgtttttat	aacaagcagt	159840
tactgaggcc	caggaagggg	agaagtccct	ggcttggtgag	atgatcacca	ttagaactca	159900
ggcctgggccc	agtgcctttt	catgcttctc	agatccttcc	aaagaataat	gaagattata	159960
accgctttta	gcaattgtaa	taaaccacga	aatagaaagc	tttttggtta	gagtactggt	160020
agaagtthtg	cgggagagat	aatthttaca	aaatthgtaa	atacctgcca	attctatata	160080
ctaggcaagg	tctctggcct	tgtaaaaccc	ctcaagggtta	caactthggg	ggcccacact	160140
aatagttacc	cactgaggcc	ctctccgggt	gaacattgag	cactagagga	agcccctctg	160200
cttgggacagg	actgggcgtg	gtgcagagta	ggagcgggtga	tactgtggat	tctgggcagg	160260
tggagatggc	cagtgatgtc	caataaagga	cactggaggg	agcagtgtga	gtaaaggccc	160320
tgagggcatt	catgttcagg	gagggttgct	gccactggc	ttgcttgga	cacaggagag	160380
tgggtattcc	tgccttagta	actttatgta	aacaagtatt	tcctcagtct	gttcctctca	160440
aactgcctgc	tctggcacat	tcagaatgtc	acagaactca	cctggatgca	ttcagcccct	160500
tgcctaaagg	tgacagtgca	tctccttccc	caccccaccc	ctcataccac	tgaagcacct	160560
gtcagactgg	cccagtctgt	gggcaaggag	cctagagagg	gcttagtttc	agcttgaaag	160620
gagctgggat	ttaccaagaa	gcaaatgaga	gacgaggatt	gcaacaactg	tgccatttcc	160680
ccagcttcag	ctgactcctg	tatattgact	gtgccttcag	actcatccgt	aagtgacccc	160740
aggctggcct	ctccacatc	acagtaagaa	ttccacacac	catacaactt	ggaaagaggc	160800
tccagctgaa	ggaagcccca	cacttctttc	aagtttttct	tagtcttctc	ttcttgga	160860
agagtacctt	ttgtttcttc	taattatgta	actattgggt	tagtaaatat	tcacccattc	160920
agtcaccctg	taagtggcag	gcactgttta	caggacacac	ggaaggaata	aaaacttgca	160980
ggcaccttgg	agcttgcat	ctattgaaga	ggtaattgga	gttgggatag	cagctaaact	161040
atgctgggat	tggccaggcg	cagtggctca	cacctgtaat	cccagcactt	tggaggccaa	161100
ggtgggcaga	tcatgaagtc	aggagatcga	gaccatcctg	gctaacatgg	tgaaaccccg	161160
tctctactaa	aagtaaaaaa	aaaaattagc	caggtgtggt	ggcggggcgc	tgtagtccca	161220
gctacttggg	aggctgaggc	aggagaatgg	tgtgaaccca	ggaggcgaag	attgcagtga	161280
gccgagatgg	caccactgca	ctccagcctg	ggtgacagag	cgagactctg	tctcagaaaa	161340
aaaaaatatg	ctggtagttt	tgattcaaga	tggcctthtg	agcccatgat	ttaggtctcg	161400
taccacccaa	ggtctactgg	aaaacatcag	gctctcctgc	tatagaccca	tagggagagc	161460
tgcagccgag	agggggagct	gaagagaagt	gccccttctg	tgtcctgtca	gcctcatcct	161520
tccgcaagga	ccagttgctg	tgccactcca	ttcacttgct	gcaagactgg	aggtttttcc	161580
tcaggtgttg	agcacctggt	ttacaagatg	tcagcatctt	gatgcctgag	accatcaagg	161640
caagtctctg	aacagggtct	accttagagt	aaggcttaga	agaggccgta	aagtcagtct	161700
cagctccgtg	gctctgcaga	gctthgggac	atgtgaattc	ttaaaaacaa	gactattgta	161760

cagttactat	atgcatgcag	tataaaatta	taaccttgga	aaatcctagc	tagctgttga	161820
gctaattcca	taaagtaatc	agctcctgag	ttctgcagtg	gtaataataa	tcagcataat	161880
gagtaaacac	tgtgtgtgcc	aggcagcgtc	tcatttgatc	cttgtgataa	tcttgtaagt	161940
actgattttc	tcccttcttt	aaacaaagtt	tttttttttt	tttttagagag	ggtctcacta	162000
tggtgcccag	gctagtcttg	aattc				162025

<210> 14

<211> 162025

<212> DNA

<213> Homo Sapien

<220>

<221> allele

<222> 129600

<223> Nucleotide sequence of chromosome 17 containing
the genomic sequence of the allelic variant
AKAP10-7

<400> 14

gaattcctat	ttcaaaagaa	acaaatgggc	caagtatggt	ggctcatacc	tgtaatccca	60
gcactttggg	aggccgaggt	gagtgggtca	cttgagggtca	ggagttccag	gccagtctgg	120
ccaacatggt	gaaacactgt	ctctactaaa	aatacaaaaa	ttagccgggc	gtggtggcgg	180
gcacctgtaa	tcccagctac	tcaggaggct	gaggcaggag	aattgcttga	acctgggaga	240
tggagggttg	agtgagccga	gatcgcgcca	ctgctctcca	gcctgggtgg	cagagtgaga	300
ctctgtctca	aaaagaaaca	aagaaataaa	tgaacaatt	ttgttcacat	atatttcaca	360
aatttgaaat	gttaaaggta	ttatgggtcac	tgatatcctg	tttcattctt	tatataatca	420
ttaagtttga	aatgtatact	tgcactacta	acacagtagt	taatcttagt	cctacaagtt	480
actgctttta	cacaatatat	tttcgttaata	tgtatgcact	ggtgtttatg	tacgtgttta	540
tgtttatatc	tgttaaaatt	agcagtttcc	atctttttct	atthttgtacc	atcacatcag	600
ttcagaagga	ttgacagagc	aaaatgatth	gatgaagtat	aaaagtcaca	tggtgagtg	660
cataaataca	actctgaaca	attaggaggg	tcactattga	ctggaactaa	actgcaagcc	720
agaaagacac	atatectata	tgtcaagaga	tgtaccaccc	aggcagttaa	agaagggaag	780
tacacataga	aagcacaatg	gtgaataatt	aaaaaattgg	aatttatcag	acactggatt	840
catttgctcc	taaagtcaga	gtcctctatt	gtttttttgt	ttttgtgggt	ttctttttta	900
atthtttttat	tttttgtaga	gtcggagtct	cactgtgtta	cccgggctgg	tctagaactc	960
ctggcctcaa	acaaacctcc	tgcctcagct	tcccaaagca	ttgggattac	agacatgagc	1020
cactgagccc	agcccagacg	cttttagcatt	tatgaagctt	ctgaaatagt	tgtagaaacc	1080
gcataagctt	tccatgtcac	tttcaaagtt	tgatgggtct	tttagtaaac	caaccaagtt	1140
attcctcaag	ggcaaaaata	catttctcag	tgcaaaaactg	atgcacttca	ttaccaaaaag	1200
gaaaagacca	caactataga	ggcgtcattg	aaagctgcac	tcttcagagg	ccaaaaaaaa	1260
aggtacaaac	acataactaat	ggaacattct	ttagaagagc	cccaaagtta	atgataaaca	1320
ttttcatcaa	agagaaaaga	gaacaagggtg	ttagcaaatt	cctctatcaa	ataacactaa	1380
acatcaagga	acatcaatgg	catgccatgt	ggaagaggaa	gtgctagctc	atgtacaaac	1440
cagtagataa	tttcaacttg	ctgccgaatg	aaacctcttt	gcaaggtagt	aatcagcact	1500
tctcatgttt	gttttgcttt	gttttgcttt	gttttttagag	acaggccctt	gctctgtcac	1560
acaggctgga	gtgcagtggc	acgatcagag	ctcactgcaa	cctgaaactc	ctgggctcaa	1620
gggatcctcc	tgccttagcc	tcccaaagtag	ctgggactac	aggcccacca	tgcccagcta	1680
atthtttttaa	ttttctatag	agatgggatc	tcactagcac	ctttcatggt	tgatgttcat	1740
atacaacgac	caaggtacaa	tgtggaaaag	ggtctcaggg	atctaaagtg	aaggaggacc	1800
agaaagaaaa	ggggttgcta	catagagtag	aagaagttgc	acttcatgcc	agtctacaac	1860
actgctgttt	tcctcagagc	agagttgatg	atctaaatca	gggggtcccca	acccccagtt	1920
catagcctgt	taggaaccgg	gccacacagc	aggaggtgag	caataggcaa	gcgagcatta	1980
ccacctgggc	ttcacctccc	gtcagatcag	tgatgtcatt	agattctcat	aggaccatga	2040
accctattgt	gaactgagca	tgcaagggat	gtaggttttc	cgctctttat	gagactctaa	2100
tgccggaaga	tctgtcactg	tcttccatca	ccctgagatg	ggaacatcta	gttgcaggaa	2160
aacaacctca	gggctcccat	tgattctata	ttacagttag	ttgtatcatt	atthcattct	2220
atattacaat	gtaataataa	tagaaataaa	ggcacaatag	gccaggcgtg	gtggctcaca	2280
cctgtaatcc	cagcacttcg	ggaggccaag	gcaggcggat	cacgaggtca	ggagatcgag	2340
accatcctgg	ctaaaacggg	gaaaccccg	ctactaaaaa	ttcaaaaaaa	aattagccgg	2400
gtgtgggtgg	gggcacctgt	agtcccagct	actcgagagg	ctgaggcagg	agaatgggtg	2460
gaacctggga	ggcagagctt	gaggtaagcc	gagatcacgc	cactgcactc	cagcctgggc	2520
gacagagcga	tactctgtct	caaaaaaaaa	aaaaaaaaaa	aaagaaataa	agtgaacaat	2580
aaatgtaatg	tggctgaatc	attccaaaac	aatcccccca	ccccagttca	cggaaaaaatt	2640
ctcccacaaa	accagtcctt	ggtgccaaaa	aggttgggga	ccgctaattc	aaataatcta	2700
atcttcattc	aatgctaata	aatgaataaa	ctthtttttta	aatacacggg	ctcactttgt	2760

tgcccaggct	ggagtacggt	ggcatgatca	cagctcactg	tagcctcaat	cacccaggcc	2820
ccagcgatcc	tcccaccta	acttcctgag	tagctgggac	tacaggcacg	caccaccatg	2880
cccagcta	ttttaaat	tttatagaga	tgggggtctc	accatgttgc	ccagactggt	2940
ctcaaaccct	gggctcaagt	gacccctcct	caaactcctg	gactcaagt	atcctccttc	3000
cttggcctcc	caaagtgtg	ggattacaag	catgagccac	tgtaccacag	tggataaaca	3060
ttttaagtcg	cactacagtc	atggacaatc	aggcttttca	acatgcagta	tggacagtga	3120
gtcccagggt	ctgcttttcc	atactgaaat	acatgtgata	ctaaggagaa	agggtgctgc	3180
aaggatattt	aaaatgaaga	atatttataa	tgaggaaaaa	actgtttctt	catgactttg	3240
ataaggctga	taaagaccat	ttctgtgatc	tcagggtgatt	cactcaagta	gtatatattca	3300
gtaatcatta	tctggaacag	cctgaatcct	aaccaaaata	ccatgatatt	ttaatgctgt	3360
tatgatacct	tgatgatatg	accaaactgc	aatgtaggca	gctaaatctc	cacgagtttg	3420
acttccccga	gagttgacag	ttttcttcac	aaattaaaga	aatatatatt	ttgatacatg	3480
attggcatat	ttaaaaacta	cactgaaatg	ctgcaaaatg	atataaagaa	acattttcca	3540
gaatcaaata	caatcaaaga	gtggattagg	aatctactca	ccattatcaa	ctaaatagaa	3600
acacttggac	tgggtgtggt	ggctcacatc	tgtaatctca	gcactttggg	aggccaaggc	3660
agggtggattg	cttgaggcca	ggagctcaag	accagcctga	gcaacatagc	aaaactctgt	3720
ctctacaaaa	aaaaaaaaaa	attaaccagg	catggtggca	gatgcttgta	atcccagcta	3780
ctctggaagc	tgaagtagga	ggactgcttg	agcccaggag	atcaagactg	cagtgaagccg	3840
tgggtcatgct	gcgccacagc	ctgagtga	gagagagacc	ctgtctcaaa	aacaaaaaca	3900
aacaaaaaac	acttaacctt	cctgtttttt	gctgttggtg	ttgttggttg	tttgttttga	3960
gatggagtct	cactctgttg	cccaggctgg	agtgcagtgg	cgtgatcttg	gctcactgca	4020
agctctgcct	cccgggttca	cgccattctc	ctgcctcagc	ctcccagagta	gctgggacta	4080
tagggcgccg	ccaccacgcc	cggtactttt	tttgcatttt	tagtagagat	ggggtttcac	4140
cgtgttagcc	aggatggtct	tgatctcctg	acctcgtgat	ccacctgcct	cgccctccca	4200
aagtgtctggg	attacaggca	tgagccaccg	caccgggcca	acctttctgt	tttttagttt	4260
gatatgcttg	ttactcagc	agctgaaaga	atgctgaaag	tggccttcag	taaaaaaatt	4320
tcactagaat	ctctacatcc	atatttaatc	tgaatgcata	tccagattga	tcagttagag	4380
caaaaacact	catcatcatt	cctgatgacc	tctaattctg	gtttcggtct	tctatttcaa	4440
tggaaacaga	ataaggaaag	aaatggaagg	gctctggaaa	tttgtcctgg	gctatagata	4500
ctatcaaaga	tcaccaacaa	taagatctct	cctataaata	taaaacaagt	ataattaatt	4560
ttttaattat	ttttttctct	tcagaggatt	ttatttcaag	ataaaacata	acttctaccc	4620
atactattga	ttccaaaggt	tagaaaaagt	gtttttcctc	atcttatcct	tcaaagaggt	4680
cacagcaatg	caaacatcta	taaaatgcct	ctgcataatt	gtcagaagct	atagtccaga	4740
aatcattgaa	aatgcttttc	catttttaagc	ttaggtgagg	tgtcttagga	aacctctatg	4800
acaacttact	ctattttattg	ggaggtaaac	tcccagactc	tcccagggtc	tcctgtattg	4860
atctcatttt	ttaggcttcc	taatcccttg	aagcacatc	gaaaaagccc	tggatctctt	4920
ttctgcacat	atcatcgcg	aattcattcg	gcttccagca	agctgacact	ccatgatata	4980
agcggcctcg	cccttctccg	gacgccagtc	cttgctgcgg	ttagctagga	tgaggggttt	5040
gctgggcttc	agtgcaggct	tctgcgggtt	cccaagccgc	accagggtgg	ctcacaggct	5100
ggatgtcacc	attgcacact	gagctcctgg	caggctgtac	caatttttta	attatttaatt	5160
atttattttt	aaaattatgg	tgaatatatt	ggtattctgc	tctaaaatag	gcccataaat	5220
gcacagcaga	tatctcttgg	aaccacacagc	tttccactgg	aagaactaag	tatttttctt	5280
ttaaagatgc	tactaagtct	ctgaaaagtc	cagatcctct	acctctttcc	atcccaaact	5340
aagacttggg	atttatgaga	gatctagcta	acagaaatcc	cagacacatc	attgggttctt	5400
cccagagtgc	agtctctcta	aagaggctca	gccctaagca	ggcccttgca	ccaggagggt	5460
gggtctgaga	cccacatagc	acttcccaag	gtgcatgctc	cagagaggca	ctgaaacagc	5520
tgagcacaag	cctgcaagcc	tggagaactc	tcacagtcag	aacggagggg	gcccagtggg	5580
actaacataa	agagaaaagg	gaacacagag	aaatggatgg	caccaacaac	cagcaaagcc	5640
ttcatggcca	atgaaagcat	cagtgaaggg	gccagaacct	tcatcccaaa	agactcttca	5700
ctgcctttag	tgaaaaacaa	tggctagaga	gtgaagtatt	gatcatgtat	agagaggtaa	5760
agttacattt	ttatatcttg	actctgctaa	tgtgaaattc	cctatctgct	agactaaaag	5820
tttcagacac	cctgttcaaa	tatcccatta	gttgctagag	acttaaaatg	aacagaacgc	5880
acattgtcag	gatgactatt	acaaaaaaat	caaaagacag	caagtattgg	tgaggatgta	5940
gagaaactgg	aacttttgtg	cactgtttat	gagaatgtaa	aatggagcag	ctgctgtgga	6000
aaagagtatg	cagggttctc	aaagagtaaa	accaagatgt	ggaaacaact	aatgcccatt	6060
cagtggatga	aggggtagac	aatatgtggt	atatacatat	catggagtac	tattcagcct	6120
ctaaaaaaa	aaaaggaaat	tctataacat	gcaacagcat	ggatgaatct	tgaggacatt	6180
ttgctaata	aataaggcag	tcatagaaag	acaaatactg	cacgactcca	cttatatgag	6240
ataccaaaaa	tagacaaatt	catagaatca	aagagtacaa	tggagggttac	ctggagctgc	6300
agggcgggaa	acgaggagtt	actaatcaac	gaacataacg	ttgcagttaa	gtaagatgaa	6360
taagctctca	agatcagctg	tacaacactg	tacctagagt	caacaataat	gtattgtaca	6420
cttaaaaaat	tgttaagggt	agattaacaa	atgtagtaga	tccacaaatg	tggttaagtg	6480
ttcttaccac	agtaaaataa	aaaaagaata	tcaagcccag	gagttcgaga	ctagcctggg	6540
taacatggtg	aaaccctgtc	tctacagaaa	atacaaaaat	tagccagctg	tggagggtgca	6600
ctcctagggg	ggctgagggtg	ggaggccttgc	ttgagcccag	gaggtcaagg	ctgcagttag	6660

ccatgattgc	accactgtac	tccagcccag	atgacagagc	aagacaccac	cccccccaaa	6720
aaaagaaaa	gaatatcaaa	catttttaaaa	gatcagatac	gcaagaacaa	caacaaaaaa	6780
gagatgaaca	gagcatcgac	cctcatctag	tgggattcct	ggtctaactg	aaaaacagac	6840
attgagagac	aaacaatgac	agtgatgtga	tcacagcaat	tacacaggta	tcccctgggg	6900
actgcagaag	aaaggaggaa	tgcctaactt	tcagaaaata	gagaaagcgt	caaacagttg	6960
gtgaaagcct	tccaaaacta	gagagaactg	cacacaccaa	atcacagaaa	gaagaaaagc	7020
cgtgggagat	tctgggaccc	accggctatt	tttgatggct	gaacaccctg	ctgcaggaga	7080
gacaggagct	ggaaagcatg	gtgggatgaa	acctcaaaca	gctttgcctg	cattgcttaa	7140
gatgactggg	cttgattaac	tctagtcaat	ggggacaatt	caatcaaaga	agaaagatgc	7200
tcaaattcac	attttagaat	gattttttat	ggcagtatgg	ggaatagatt	aaaagagagt	7260
gaagctggag	gcaagaaact	tgttaagagg	caactgaaac	agtctagatg	ataaataata	7320
aactgacaga	gtgactagaa	aaatcagaac	aggctgaatc	aacagatacc	tagatgaaaa	7380
taacaggact	tgatcaccag	ttgtatcttg	gagaggaagg	agttgtttcc	ttgctttccc	7440
tacgactggg	aatacggag	gtttgcccgtg	tgtattggtt	atatactggg	gtgtagccaa	7500
tcactgacaa	ccatttagca	gcttaaaaaca	caaaggctta	tctcccagtt	tctgtggggc	7560
aggaatctaa	gataggctta	gctggctggg	tctggctcag	agtttctcaa	gaggttgcaa	7620
tcaagatgtc	agctgggggt	gcatcatctg	aaggctcaac	tggggccgga	gggtccactt	7680
ccaaggagtt	cactcacctg	cctgacaagg	cagtgcctgt	tgttggcagg	agatctcaat	7740
tcattgccaa	gtgagcctct	ctatagcatt	gctggaacat	cctccccatc	tggcagttgg	7800
cttctctcag	catgagtgat	ctgagagaga	gagcaaggag	gaagccacag	tgttcttcct	7860
actcctactc	ctaacactat	ggacctactc	ctaacactct	cacttctgcc	ttattccatt	7920
agttagaaag	ggaactaagc	tccacctctt	gaaataagaa	gtgtcaaaga	atttgtggat	7980
atatttaaaa	atcatcacac	tgtggaagtg	gatagggggg	tcaattaatg	ctgaacttga	8040
aatgcctgag	acattcaaata	gtccaacagg	caatgaacat	acccatagat	ggcatgact	8100
ttagcaagaa	tagaggaaga	tcacagaatt	aaggaggaat	tgaaggttaa	aagaagtgga	8160
gtcagattcc	ccctgaaaag	tgagccatga	aaggaaactt	aactattgag	ttagaggtca	8220
gagtaggaaa	tttcgggtgga	attctttttt	aaagaaagga	accatataag	catgttttga	8280
ggtagagggg	gaataaatca	gtagacaggg	agaggtaaaa	aacataaatg	ataggggata	8340
gttgacaaaag	gtcttggcag	aatcccttac	ccattgactt	ggggccaaga	gagggacact	8400
tctttgtttg	agggataagg	aaaataagaa	agaatgggtg	ctatttagtg	tggtcctgtc	8460
tctagggcaa	acgcataggt	aacaaactgt	gtgtgttagg	aatatagatg	tgacctcaca	8520
ttgagattct	cacctcaaata	ccattttgtt	gttacctgta	ccttcctacc	ttctcttttt	8580
gctacatgca	gactgctgtt	ttgtcttcct	ggcctgttcc	aggtttcagc	attctggcat	8640
atctgctacc	ctgttcccaa	acctctctag	agtcctatgt	ccttccttgg	atagtgtttg	8700
attggggccac	gtatctaaga	agtgatgcct	tcagttaggg	ctgagaacct	cctctatgga	8760
aatctccatc	agtgacctg	acagacttgg	tatcttgagg	atgtcactgc	tcccagcctg	8820
tgggtctagga	gaatctcagc	ctgggcctct	agtagtatgg	ataaggcgtt	aaggatatctt	8880
tgaaccagag	tctgtcatat	tcctcaatgt	gggacagata	aaacagtggg	agtgcctggg	8940
tttctgagct	agaactctgg	tttttggtct	agattctttg	atgtatgacc	tttcagaggt	9000
attaaaattt	gttctaatac	aatgttcaat	acaaatgtag	ttccttttct	gttaggacct	9060
caacaaaaca	tgaccaactg	tagatgaaca	ttaaactatg	acaattcatg	gaaatgaata	9120
cagtaatacc	tgcgggtccc	ccatttttagc	agtcactatg	gtgacatttg	gcacaaatgg	9180
ctatttaagg	gtgcttttgt	taaaacctac	catcttacta	ggcacatgat	attgaaacta	9240
atgaaataat	ggagaaactt	cttaaaaact	tttaatgaat	aaagtgatga	agtgataata	9300
ttttagctgc	tatttataaa	gtgactatta	caggtcaaac	attcttctag	ggtttttttg	9360
ttgaagttgt	cacatttaata	ccttaataaac	ccactatgag	tcagggtatc	ttctctcccc	9420
tttggacagt	tgggggaaatg	ggggtcagag	agggttaggta	atttgctcag	ggccacacaa	9480
cctgcatgta	gaaaatctga	gattttgtaca	ggaacgtatc	aaactctgaa	gtccatgctt	9540
ctattttccc	atgctgcctt	tctaataaaa	ggtaactaat	gctactggat	gctgccccca	9600
aagtgagtca	ctttcacccc	acctacttg	attttctcca	taaaactaat	cacatcctga	9660
caacttattt	attgctgatc	tccccacta	gattataaac	tcaataaaaag	caagatcctt	9720
gtctgctgaa	tatcagtacc	taaaacgctg	tctagcacag	agcaagtaat	taatatttgt	9780
tgaatgaaca	aataaaggaa	aaaaattcaa	aggaagaaaa	agccctaaaa	cagatgttta	9840
cctaaacata	catttttaaaa	gaaagcatat	aacaaattca	ggacagaatt	taaatttgat	9900
tttttaaaaga	aataaccaag	tgctagctgg	gcacagtggc	tcacacctgt	aatcctagca	9960
ctctgggagg	ccgaggcagg	cagatcactt	gaggtcaaga	gttcaagacc	agcctggcca	10020
acatgggtgaa	acctgtctct	actaaaaata	cagaaattat	ccaggcatgg	tggcagggtcc	10080
ctgtaacccc	agctactcag	gaggctgagt	caggagaatt	gcttgaaccc	aggaggcaga	10140
ggttgcagtg	ggccaagatt	gcaccactgc	actccagcct	gagtaacaaa	gcaagactct	10200
gtctgaagga	gaaggaaaga	aagaaggaaa	gaaggaaaga	aggaaagaa	gaaagaagga	10260
aagaaagaaa	gaaagaaaga	aagaaagaaa	gaaagaaaga	aagaaagaaa	gaaagaaaga	10320
aagaaagaaa	aagaaagaaa	gaaagaaaga	accaagtgtc	tatttggggac	ctactatgct	10380
atgtttttcc	atgcacgcta	ttttcagtaa	agcagtttagc	aaacttgcaa	gatcataaca	10440
acaaatatat	gcttctataa	ctctaaaatt	gtgctttaag	aagttcctct	ttaccagctc	10500
atgtatgcat	tagttttcta	agagttacta	gtaacttttt	ccttgagaaa	tatccacagc	10560

cagtttattt	aaccaaagga	ggatgcttac	taacatgaag	ttatcaaattg	tgagcctaag	10620
ttgggccagt	tcatgttaat	atactccaga	acaaaaacca	tcctactgtc	ctctgacaat	10680
tttacctgaa	aattcatttt	ccacattacc	aaggagccag	ggtaggagaa	tatagaaaga	10740
ccaccaaga	atccttactt	ctttcagcaa	aatcaattca	aagtaggtaa	ctaaacacat	10800
gccctaacaa	tgaatagcag	attgtgctca	gaagaatgat	ctacaacatc	ttactgtgaa	10860
ggaactactg	aaatattcca	ataagacttc	tctccaaaat	gattttattg	aatttgcatt	10920
ttaaaaaata	ttttaagcct	aaatttttaa	aggtttgata	ttggtacatg	aatagacaaa	10980
cagacatgga	ctagaccaag	aattaggttc	aaacatatac	aggaatttaa	tatacgataa	11040
atctagtatt	ccaaaggaac	caacaaatgg	tgttcagaca	gcaggatagg	catcaggaaa	11100
aacacagttg	ggcaccctac	cttactccta	acaccaggag	taactgaagg	agcaccaa	11160
atttatattt	tttaattata	gttttaagtt	ctagggtagc	tgtgcacaac	atgcagggtt	11220
attacatagg	tatacatgtg	ccatgttggt	gaggagcacc	aaatatattaa	aagaaaaaaa	11280
ttggccagg	gcggtggctc	acacctgtaa	tcccagcact	ttgggaggcc	aagggtgggca	11340
gatcacctga	ggtcgggagt	tgcgagaccg	cctgagcaac	atggagaaac	cccattctcta	11400
ctaaaaatac	aaaattagcc	aggcatggtg	gcacatgcct	gtaatcccag	ctacttggga	11460
ggctgaggca	ggagaatagc	tttaattctgg	gaggcacagg	ttgcggtgag	ctgagatatt	11520
gcactccagc	ctgggcaaca	agagcaaaac	ttcaactcaa	aaaaattaat	aaataaataa	11580
aaataaagaa	agaaaagaaa	aaaatgaaaa	tagtataatt	agcagaagaa	aacaccgtag	11640
aatcctcgga	ctcttaggat	ggggaatgcc	tataatataa	aaaccctgaa	gttataaaaag	11700
agaaaatcac	ctacatacaa	accaaattctt	tctacatgcc	taaaacatag	cacaaacaca	11760
gctaaataat	catagctgaa	tgaactggga	aaacaaaact	tgactcatat	ccagacagag	11820
ttaattttcc	tacacataaa	gagtacctat	ataaacccaa	caaaaaaacc	accactaacc	11880
caaaataaaa	atgtgacagg	taatgaacag	gtagttcaca	gagaatacaa	atggctcttc	11940
ggcacataag	atgctcagac	tgactttttac	ttattttattt	tttgagagac	agggctctcac	12000
gatgttgccc	aggttaggct	caaactcctg	ggctcaaattg	atagtaccag	gactacaggt	12060
gtgccccacc	gcacctggct	cctcaaccac	ctgtattaac	aggaaatgca	aaataaaaact	12120
ttcaaattcta	ttttacctat	tagaatggca	aaaattttgaa	aaacttcaaa	catcatcatg	12180
ttggtgagaa	tgtgaggaga	ctggcactct	catttttttgc	tgatagcata	tataactga	12240
tggtcttctat	ggaaagcaat	ctggcagcgt	ctatcaaattg	tacaagtgca	tatatccttt	12300
gacaaagcaa	ttccactcta	ggaatgtggt	ctatatggtt	gtgcttcctg	gggctgggaa	12360
ctgggagcta	agggacagg	gcagaagata	atcttctttt	ccctccttcc	ccgttaaaca	12420
tgttgaattt	tataactgt	aatatattat	ttttcacaaa	agataatttt	taagcgatat	12480
gtctgggaat	tttttttttt	cttttctgag	acagggtctc	actctgtcat	ccaggctgga	12540
atgccatggt	atgatctcag	ctgactgcag	cctcgacctc	ctgggttcaa	gcaatcctcc	12600
cacctcagcc	tcctgagtag	ctgggactac	aggcacgtgc	catcatgcta	atttttgtat	12660
atacagggtc	tcactatggt	gcccaggcta	atgtcaaact	cctaggctca	agcaatccac	12720
ccacctcagg	ctccaaagt	ctgggattac	aggcgtgagc	caccgcgcct	ggcctgggga	12780
attcttacia	aagaaaaaat	atctactctc	cccttctatt	aaagtcaaaa	cagagaagga	12840
aattcaacct	ataatgaaag	tagagaagg	cctcaaccct	gagcaacaaa	cacaaaggct	12900
atttctgaga	caggaatttg	ctgaacaaaa	tgcagggaag	atgacaagaa	tcaagactca	12960
cttctcggct	gggcgcagtg	gctcacacct	gtaatcccag	cactttggga	ggccgaggcg	13020
gacagatcac	gaggtcagga	gattgagacc	atactggcta	acacagtga	accagctctc	13080
tactaaaaat	acaaaaaatt	agccgggcgt	ggtggcagg	gcctgtagtc	ccagctactt	13140
gggaagctga	ggcaggagaa	tggcgtgaac	ccagggaagc	gagcttgag	tgagccgaga	13200
tcacgccact	gcactccagc	ctgggtgaca	gagcaagact	ctgtctcaaa	aaaaaaaaaa	13260
aagactcatt	tctctagatc	ttgagccgta	ttcaaattta	tctcagctta	gtgagagggt	13320
aaagcaagga	atatecttcc	ctgtgggccc	tgctccttac	tgaagggaag	taacggatga	13380
gtcaaggaca	ccaatggaga	aaagcactaa	caccattatc	tgatgaacat	tacgtgaaga	13440
agggtaaaga	gtgaagtgg	attgctgaag	aagtcagtga	aagcggacat	tcatttgggg	13500
aaatggaata	taggaaatcc	ataaaagtga	ttaaaaagat	gttagaggct	gaggcggggg	13560
gaccacagg	tcaggagatc	gagaccatcc	tggctaacac	ggtgaaaccc	catctctact	13620
aaaaatacaa	aaaattagcc	aggcgtgggt	gcaggcacct	gtagtcccaa	ctactcgga	13680
gactgaggca	ggagaatggc	atgaacctgg	gagacggagc	ttgcagtgag	ccgagatcac	13740
gccactgcac	tccagcctgg	gtgacagagt	gagactccat	ctcaaaaaaa	aaagttagat	13800
acgagagata	aagatccaac	agacacacaa	ctgctaattc	tgaacagaac	aaaacaaatg	13860
gcacaggaaa	agaaaattta	agatataaca	ccggaaaact	ttcctgaaat	tgagtaactg	13920
aatctatagc	ttgaaagggt	ttagcatatg	ccaagaaaaa	tcagttagagt	ccaaccagca	13980
caagacacat	ctagcaaggc	tgggtgattct	accaacacag	agaaagaagt	gggtgaccca	14040
taatgcggaa	aaaggcagac	catctgcagt	cttctccaga	acactggagt	ctgaagacaa	14100
agaatgctg	cctactgagc	cagaaggagg	agaaagtgac	ccaacacatc	tttaccaagt	14160
tagaatgtca	cgcattattt	aaaggctgca	aaagccatga	aagacatgaa	agaacacaag	14220
cattttacaac	atgaaagaac	acaagcatte	tcataactca	gaatccttaa	gaaaaatgta	14280
gtcctaattcc	agcccactga	aagttaaatg	tacttaatgt	gctcattaat	gggaacttca	14340
tagcttcaaa	tcagtctggt	cccattctacc	aacatctctc	gcccggcttt	cctgcaatag	14400
tcagcacctt	tccctcctcc	cagtcttgctc	ccctggagtc	tgctctcagc	atagcagagt	14460

gaccacatca	acacccaagt	cagagccctc	cagtgcgcac	tgggtctacaa	agcccttccc	14520
acccccacc	ccacgtgccc	tccggatcct	tgtgacgtgt	ctcctgcata	ccctagcagc	14580
cctggcctcc	tcaactgccc	tccgtgtacat	caggaaggcg	actccttgag	tcttggtctc	14640
ggccgcctcc	tccacctgca	gtgagttaac	tcccttacct	actctagggtc	attgctcaaa	14700
tgtcagcatc	tcaatggggc	cctccctgac	taccctatct	aaattctaca	tactcccctt	14760
gaccccatgg	acctcactca	ccctattcca	cttttattct	tacaatttag	cacttggtct	14820
cttctaacgt	attctaagac	ttactcattt	attacattgt	ttgccacccc	ctctagtaca	14880
taaaactccag	aggggcaggg	atttctgtct	atttattcat	ttctttatcc	ctaggacata	14940
gaacagggca	tagttcagag	tattcaatgt	tatcaatgaa	tgaactagca	gtagtaccag	15000
ttccagttag	gcacagaatt	aatcttaaat	agaattaaat	ctcatgggtct	gggttaacta	15060
tggatagaaa	attagatata	attttaagaa	gcctagaaaag	aaaaaattaa	taatgtaaaa	15120
ataatattaa	tttgataata	ataacaaaaa	ctctgccagg	cactgtgggt	caaactctgca	15180
atcccagcta	ctcaggaggc	tgaggtggaa	ggatcacttg	agaccagagt	tcaagactca	15240
gcctaggcaa	cacggcaaga	aactgtctct	aaaaaaatta	aaacttaaat	ttttaaaaaa	15300
gaattctcaa	agcgtcacaa	aaactggaga	ttaaggtaca	ggaagtgtga	agtaatatata	15360
ctatgctaata	ggtttttttt	tttttttagaa	aggtataaacc	aaaagatttc	tttctcaagt	15420
cgataaaactg	agaaagataa	gcataatcttc	caattaacag	aggggggagga	aaagccagat	15480
acaacaaaat	aagatataaa	ttagtttcca	gttgaaaaca	agagttaggag	ttatttttgca	15540
tcacctcacc	tgtgacctcc	cccagcccaa	aaaacactac	tgataaacag	ggtagaaaag	15600
catcatctca	gataaagcag	gaaaaactgc	cacagtctca	aaccacaaac	tataagcaca	15660
cacctggcca	accctgccaa	gtctgggctc	agtaggagga	acgtgctgag	agctaggatg	15720
taccaactta	gacattctgt	gggatacaga	tgtccctgga	agggtcacac	catctcaaag	15780
gcacctgtaa	tgccactga	ttacagccac	catatgtgag	agagaaactc	agggcactta	15840
gagagtataa	caagaacctt	atgtcatctg	agatgaggaa	tcctcagccc	tgcaaattaa	15900
ccaactcttt	agaacaactg	gcaaaacata	aatatccaca	acttttgttt	cagtaattcc	15960
actcttagat	atcaatccaa	agtacatgag	acagcagata	cacacacaaa	atggtattta	16020
ctgcagcatt	gtttataata	gcaaaaaaca	agaaataatc	catatgtctc	aataggatac	16080
tgggtacatg	agggatatga	cccatcattc	aaccatcaaa	aagagtgata	tggatgtcca	16140
cagatggaca	taaaaagctg	tgtgttacgt	gaaaacaaac	tcaagcagca	gcaggatggg	16200
cttatgatag	tcagtatgag	ctaatttctg	gaaaaaaaaa	tctagtgtgt	gcacagaaaa	16260
catctgaaag	aacagaaaca	aaactatcag	cagaatattg	agatgtttta	ctaagttgta	16320
tatctatact	gcttgtaatt	tttaccctca	gcaagaatta	ctttttggaa	aaagaaaatt	16380
caggaaataa	agcatttctt	taaacttcat	gtttaaacia	atggtgatgg	aataaaaagag	16440
ttcttattca	tcataaacac	acacagcaca	catgcacgca	tgtgcgtgag	cacacccttt	16500
acttgataaa	taccatgttg	aatatttttag	tctttccttt	taggttctat	cccttcactc	16560
aaaatgcggg	tataaataaa	tgtacttttc	atgtgccttc	tgccataaac	cactttaata	16620
taactttaca	gtcccattat	cattatagtc	tcaaagctag	actcagcctg	aaactaccct	16680
ttcattttgga	acccttatta	aatgccaca	tacagctcct	tcaaataaaa	acaaacccta	16740
ggacctgaca	ctaggcttcc	tttggttgcta	ctcataatgg	ccaagtctctg	tgcttataat	16800
acatcttctt	tcattttatt	gctacatatc	caagggtttt	atatgttttt	cttattatat	16860
cttaattcaa	aacaccatca	cgctcttttc	cagatgaaaa	taaggaaaag	aaattgagca	16920
actgactgac	ttaaagggtca	taaaactata	tagtagcaga	gtcagcaaaa	gaagaaacac	16980
acatctccca	agtagaggct	gaaaaccagt	accattcacc	tccagggtga	gctatatata	17040
gattacaaag	tcaccttctc	taaatgttca	aactgaatcc	catacccata	ctttaccact	17100
acctcgtaag	aacagcctca	gatcttggtta	tagccttttt	tttagcatgc	tgaagccaat	17160
aaaatgcttc	ccattcagca	agagaaacaa	gttctgaaac	actgaataat	ctgcccaggg	17220
cctatgaaca	tttccactgt	gagaaatggt	ctccactgtg	tggagaagat	ccttactctt	17280
ctccacacag	gcagaacatt	agaaaaattc	ttggattcta	tgatgcacag	cttaggagtc	17340
tgttttagcac	aatttaagtc	caaatagtta	ttaaatcctc	ctctgttcca	gaaacagtgc	17400
taaaactactg	gaatataaaa	attgaaaaga	tactctcctg	gctcccaaga	aagtcagcca	17460
gatagaggag	acacaggcac	acaaatcact	gtcacatgaa	gctctacctc	cctaacttca	17520
aacgagggcc	taagtcacca	agaatacagt	agcagttgtg	actacgagta	actactataa	17580
ttcaataactt	tatcttccct	tagaaaactc	ttctcccttg	gaaatttatt	tgcatctcta	17640
aataaccattc	cttactaaaa	ggaagcaggg	ctccttgggg	aaatagctga	ttctagggtg	17700
ggactatgaa	atgaaaatgg	tgagtctggg	acatcccctg	ttgccagaa	atcaagggaac	17760
tgcccaaaga	ttaacagagt	catgtttaat	ggacctaaaga	gtgaaccaga	aggagctcac	17820
tttgccccgc	gtggaacaat	ttcaagaaaa	acatgacagt	aatgaattat	aaaacatgaa	17880
ttaaaataca	tattgggtact	aaaaagagaa	caaaaggatg	tggcttttgg	taaagctctt	17940
cttcatggaa	gaataaccagc	taataaatgt	aaaggaaatg	agagaattag	aaaaattatc	18000
atthttgtaaa	ccttaatatata	ttcacctaga	catgctaaaa	ccactgagta	aaaggctgct	18060
tgggaagagg	atgctcacat	gatctcagag	tttcacacca	cagataattt	attagatata	18120
ggaaggaaga	tgtgatcaag	cttcctgtga	ccccagcca	ggccccacaa	cactatgtgc	18180
ctccttgtga	tgtgggagct	acacagcatc	gcccacacag	cttctcgcca	aaactgtttg	18240
aagctaataca	caagggaaga	actggacagc	ttctgaccat	gagacgctcc	accagacaac	18300
ttgcttggcc	tctccaaaga	aacttgcttg	gcctctccaa	agaaaactca	gtttcattta	18360

aaaacaaaac	taattattta	aaaacaaaacg	aaaagcaagt	tgtggacttg	agctccaggg	18420
acagagcaga	catacttttc	cctgttcttc	ccagtaagt	gtaataaaaa	ccctcaacac	18480
tagatataaa	acaaatataa	gaagggtctg	gaaggggaag	aggaggcaga	ctatccaggt	18540
gccttgaggc	ccacagaaca	accagtgat	gggttctactg	ggtcttcttt	ttgcttcatt	18600
atctcagact	tggagctgaa	gcagcaggca	acttcaaaac	accaaggggc	acagattgaa	18660
aagccccaag	aaaagcctgc	cctctctagc	caaaggacca	ggaaggagac	agtctaata	18720
gatggaacac	atttagacag	taactgcccc	tttaccagca	ataactgagc	agggagccta	18780
gacttccagt	cttgtgagga	cgtaccaagg	tacccaacac	ccccaccaag	gctgagtaag	18840
gactgcgact	tttatccctg	catggcagta	gtaaggagcc	catccctcac	ccgccagcag	18900
tgtcagggga	acctggactt	ccactcccac	ccaggagtga	tgaggccctc	cctgctgggg	18960
tcatgtcaga	ggaggcctag	tggagattca	gtgacttaac	cttttcccag	agataatgag	19020
gccacctttc	ctccctcttc	ccccatgggtg	acagtgaag	cactgtggca	agcagtaggc	19080
actcctaccc	ctcctagcca	gggaggtatc	agggaggcca	agtagggaac	cagaataccc	19140
acaaccaccc	agcagcaaca	gggggtcccc	accccatggg	gtgtcaatgg	aagcagagcg	19200
gaaagcctgg	atatttacct	ccatctagaa	gtaacaagct	gatgtcccc	ttcttctact	19260
acaatggtgt	tcaaaacagg	tttaataaag	gtctagagtc	tgataacgta	atacccaa	19320
cgttgaagtt	ttcattgagg	atcatttata	ccaagagtca	ggaagatccc	aaactgaa	19380
agagaaaaga	caattgacag	acactagcac	taagagagca	cagatattag	aactacctga	19440
aaggatgtta	aagcacatat	cataagcctc	aacaggctgg	gcgcgggtggc	tcacgcctgt	19500
aaccccagca	ctttggggagg	ccgaggcagg	tggatcacaa	gatcaggaga	tcgagaccat	19560
cctggctaac	acgggtgaaac	cccgtctcta	ctaaaaatac	aaaaaaaaat	agcaaggcat	19620
ggtggtgggc	acctgtagtc	ccagctactc	gggagcctga	ggcaggagaa	tggcatgaac	19680
ctgggaagag	gagcagtgag	ccgagatcgc	accaccgcac	tccagcctgg	gcaacagagc	19740
aagacttcgt	cccaaaaaaa	aaaaaaaaaa	aaaaaaaaagc	ctcaacaaac	aactacaaac	19800
gtgcttgaaa	caaatgaaaa	aaaaatcttg	gcaaagaaat	aaaagatata	tattttggcc	19860
aggtgcagt	gctcacagcc	tgtaatccct	gcactttggg	aggctgaggc	aggcggatca	19920
cctgaggtca	ggagtgtgag	accagcctga	ccaacatgga	gaaaccccg	ctctactaaa	19980
aatacaaaat	tagccagtca	tggtggcaca	tgctgtaat	cctagctact	caggaggccg	20040
aggcaggaga	atcgcttgaa	ctcaggaggt	ggaggttgcg	gtgagccgag	atcccgccat	20100
tgcacattgc	actccagcct	gggcaacaag	agcaaaaactc	catctcaaaa	aaatagatac	20160
atattttaat	ggaaatttta	gaattgaaaa	atacagtaac	caaattgaat	ggaaagacaa	20220
catagaatgg	agggggcaga	caaaataatc	agtgaacttc	aacagaaaa	aatagaaatt	20280
acccaatatg	aagaacagaa	agaaaataga	ctggccaaaa	aataaagaag	aaaaaagagg	20340
agcagcagga	ggaatgatgg	aaaaagagaa	aggaagggaag	gaaggggaag	agggagggaa	20400
ggagtgaggg	agaaagtctc	aaagacctct	gagactaaaa	taaaagatct	aacacttgct	20460
atcaggggtc	aggaaagaga	caaagatggc	acagctggaa	acgtattcaa	aaaataatag	20520
ctgaaaactt	cccaaatttg	gcaagagaca	taaacctata	gattcgaaat	gctgaacccc	20580
aaataaaaag	cccaataaaa	tccacaccaa	aatacatcat	agtcaaactt	ctgaaaagac	20640
gaaaagagaa	aacgtcttga	aagcagtgag	tgaaacaaca	cttcatgtat	aagggaaaaa	20700
caattcaagt	aacagatttc	ttacagaaat	taaggaagcc	agaaggaaat	gacacaatgg	20760
ttttcaagt	ctgaaagaaa	agaagtgtca	acacaaaatt	ctagattcag	taaaaatatc	20820
cttcaagaat	caatgggaaa	tcaagacagt	ctcagataaa	gcaaaaataag	agaatatgtt	20880
gccagcagat	ctcccctaaa	ggaatggcaa	aaggaagatc	atgcaacaga	ccaaaaaatg	20940
atgaaagaag	gaatccagaa	acatcaagaa	gaaagaaata	acatagtaag	caaaaaatca	21000
tgtaattaca	ataaaaatttc	tatctcctct	taagacttct	aaatttatatt	gatgggttgaa	21060
gcaaaaatta	taaccctgtc	tgaagtgtct	ctactaaatg	tatgcagaga	attataaatg	21120
gggaaagtat	aggtttctat	acctcattga	agtggtaaaa	tgacaacact	gtgaaaagtt	21180
acatacacac	acacacgtaa	gtatatataa	atatatgtgt	gtatatgtgt	gtgtatatat	21240
atatatacat	ataatgtaat	acagcaacca	ctaacaacac	tatacaaaaga	gataataacc	21300
aaaaacaatt	tagataaatt	gaaatggaat	tctaaaaaat	attcaaatac	tctacaggaa	21360
gacaagacaa	aaagagaaaa	aaagaggagg	acaaactaaa	tttttttaaaa	acataaataa	21420
aatggtagac	ttaagcccta	acttatcaat	aattacataa	atgtaaatga	tctaattata	21480
tcaattaaaa	gacagagata	gcagagttaa	tttaaaaaaca	tagctataag	aaacctgctt	21540
tgggctgagt	gcagtgactc	acacttgtaa	tcccagcact	tcgggaggcc	aaggcgggtg	21600
gatcacctga	ggtcaggagt	tccagaccag	cctggacaac	atggtaatac	cccatctcta	21660
ctaaaaatac	aaaaaaatta	gccaggcatg	gtggcacacg	cctgtagtcc	caactactca	21720
ggaggctgcg	acacaagaac	tgcttgaacc	cgggcagcag	aggtagcagt	gggccaagat	21780
tgcgccactc	cagcctgaac	gacagagtga	gactccacct	cagttgaaaa	acaaaaaaga	21840
aacctgcttt	aaatatacca	acatatgttg	gttgaaatta	aaagaataaa	atatatcatg	21900
aaaacattaa	tcaaaagaaa	ggagtggcta	tattaataac	ataaaataga	cttcagagaa	21960
aagaaaattt	caagagacag	gaataaaaagg	atcaagaaaa	gatcctgaaa	gaaaagcagg	22020
caaatcaatc	attctgcttg	gagattcaac	acctctctct	aacaactgat	agaacaacta	22080
gacaaaaaaa	tcagcatgga	gttgagaaga	acttaacacc	actgaacaac	aggatcta	22140
agacatttac	ggaacactct	acccaacaat	agcaaaaata	acattctttt	caagtattca	22200
ctgaacatat	ccttagaccc	taccttgggc	cataaaacaa	agctcactag	tgattgccga	22260

aggcttggat	ggacagtgga	agagctgcat	ggggagggag	aaggtgacag	ttaaagagtg	22320
taggatttct	ttttgggata	atgaaaatgt	tccaaaattg	attgtggtga	tgttggcgca	22380
actctacaaa	tataaaaaag	gccattgaat	tgtacgtttt	aagtgggtga	aacatatggt	22440
atgtggatta	tatctaacgc	tttttaaaaa	cttaacacat	ttcaaagaat	agaagtcata	22500
cagagtgtgc	tctactggaa	tcaaactaga	aagaggtaac	tggaggataa	cgagaaaagc	22560
ctccaaatac	ttgaaaactg	gacagcacat	ttctaaaatc	atccgtgggt	caaagatatt	22620
catttctgat	attcattttt	attgtttaat	gtatttttaa	aaatttctta	agggaaataa	22680
actgactaaa	aatgaatatg	gctgggtgcg	gtggctcacg	cctgtgatcc	cagcactttg	22740
ggaggccgag	gctggtggat	cacaagatca	ggagttcgag	accagcctgg	ccaagatggt	22800
gaaaccccg	ctcaactaaa	aaactacaaa	aagtagccaa	gcgcagtggc	gggagcctgt	22860
ggtcccagct	acttgggagg	ctgaggtagg	agaatcgctt	gaacacaggc	agcagagggt	22920
gcagtgagcc	aagattgtgc	cactgcacgc	cagcctgggc	gacagagact	gcctcaaaaa	22980
aaaaaaaaaa	aaaaagaata	tcaaaatttg	tgggacatag	ttaaagcaat	gctgagaggg	23040
aaatttataa	cactaaatgt	ttacattaga	aaagagaaaa	agtttcaaat	caatagtctc	23100
cactcccatc	tcaagaacac	agaagatgaa	gagcaaaata	aacccaaagc	aagcaaaaaga	23160
aagaaaatat	aaaaataaat	cagtaaaatt	gaaaacagaa	acacaataaa	gaaaatcagt	23220
gaaacaaagt	actgattctt	cgaaagatta	ataaaattga	caaacctcta	gcaaggctaa	23280
caaacaaaaa	agaaagaaga	cacggattac	cagttattag	aatgaaagca	taattagaaa	23340
caactctaca	cattataaat	ttgacaatgt	agatgaaatg	gactaattac	tgaaaaaaca	23400
caaattacca	caactcacc	aatatgaaat	agataattgg	gatagcctga	taactactga	23460
gaaaattgaa	tttgtaattt	taacactctt	aaaacagaaa	cattaaactt	aatattttat	23520
aaatattaga	taaggtaatt	atacccttcc	ttaacaaata	aaaacgacaa	attattttgc	23580
agctaaagag	atgtatgtac	tgtgaaaaat	atcttcagaa	aaatagaact	ttgtttgaag	23640
aataaggatt	taaaaaatgt	ttttaactct	caagaagcaa	atatctgggc	ccagatgggt	23700
tcactgaaga	attctaccaa	atgttttaat	aagaattacc	accaactcta	catagcatct	23760
ttgagaaaac	tgaagagaag	ggaacatctc	ccagttcatt	ttatgaagt	ggtgttactc	23820
tgatactaga	actgtataag	gacagctact	cttgacacac	tgccatgagg	tagctctgct	23880
ctgcaggaac	agtcagaaaa	aaaaaaaaaa	gaagcactgg	acaagggcag	tataaaaaaa	23940
gaaaactggg	ccaggtgcag	tggctcacac	ctgtaatctc	agcactttgg	gaggctgacg	24000
ctggtggatc	acctgaggtc	aggagtttga	gactagcctg	gccaacatgg	taaaaccctg	24060
tctctactaa	aatacaaaaa	ttagccaggc	agggtgggtg	ggaaaataaa	aaggaaaaaa	24120
aaacaaaaat	aaactgcaga	ccaatatcct	tcatgagtat	agacacaaaa	ctccttaaac	24180
tccttaacaa	aatattagca	agtagaagca	atatataaaa	ataattatac	accatgatca	24240
agtgggactt	attccagaaa	cgcaagtctg	gttcaacatt	tgaaaacaag	gtaaccact	24300
atatgaacgt	actaaagagg	aaaactacat	aatcacatca	atcaatgcag	aaaaaagcat	24360
ttgccaaaat	ccaatatcca	tcatgatac	tctaataaga	aaaataagaa	taaaggggaa	24420
attccttgac	ttgataaagc	ttacaaaaga	ctacaaaagc	ttacagctaa	cctatactta	24480
atggtgaaaa	actaaatgct	ttcccctacg	atcaggaaca	aagcaaggat	gttcactctc	24540
attgctctta	tttaacatag	ccctgaagtt	ctaacttggt	caaaacgata	agaaagggaa	24600
atgaaagacc	tgagattggg	caaagaagaa	ataaaaactgt	tcctgtttgc	agatgacatg	24660
attgtctcat	agaaaatgta	aagcaactag	gggtaggggg	gcagtggaga	cacgctgggc	24720
aaaggatacc	aaatttcagt	taggaggagt	aagttcaaga	tacctattgc	acaacatggt	24780
aactatactt	aatataattgt	attcttgaaa	atactaaaag	agtgggtggt	aagcgttctc	24840
accacaaaaa	tgataactat	gtgaagtaat	gcatacgtta	attagcacia	cgtatattac	24900
tccaaaacat	catgttgtag	atgataaata	cacacaattt	tatctgtcag	tttaaaaaaa	24960
catgatTTTT	gccaggcaca	gtggctcata	cctgtaatcc	cagcatttta	ggaggctgag	25020
gcgagcagaa	aacttgagggt	cgggagtttg	agaccagaat	ggtcaacata	gtgaaatccc	25080
gtctccacta	ataatacaaa	aattagcagg	atgtgggtggc	gtgcacctgt	agaccagct	25140
acttgggagg	ctgaggcacg	agaattgctt	gaacaaggga	ggcagagggt	gcagtgagct	25200
gggtgccact	gcattccagc	ctggtgacag	agtgcagactc	catctcaaaa	aaaataaaat	25260
aaagcatgac	ttttcttaaa	tgcaaagcag	ccaagcgcag	tggctcatgc	ctgtaatccc	25320
accactttgg	gaggccgagg	caggcagatc	acaaggtcag	gagtttgaga	ccagcctgac	25380
caacatggtg	aaaccccatc	tctactaaaa	aatatataaa	ttagccaggc	atgtgtagtc	25440
tcagctactc	aggaggctga	ggcaggagaa	tcacttgaac	ccggaggcag	aggttgcagt	25500
gttgagccac	cgcactccag	cctgggtgag	agaacgagac	tccgtctcaa	aaaaaaaaaag	25560
caaaataacc	taatttttaa	aacactaaaa	ctactaagtg	aattcagtaa	gtcttttagga	25620
ttcaggatat	atgatgaaca	tacaaaaatc	aattgagctg	gacaaaggag	gattgtttta	25680
ggtcagtagt	ttgaggctgt	aatgcacat	gattgtgcct	gtgaatagct	gctgtgctcc	25740
agcctgagca	gcataatgag	accacatctc	tatttataaaa	aaaaaaaatt	gtatctctat	25800
gtactagcaa	taagcacatg	ggtactaaaa	ttaaaaacat	aataaaatact	gttttttaatt	25860
gcctgaaaaa	aatgaaatac	ttacatataa	atctaacaaa	atgtgcagga	cttgtgtgct	25920
gaaaactaca	aaacgctgat	aaaagaaatc	aaagaagact	taaatagcgt	gaaatatacc	25980
atgcttatag	gttggaanaac	ttaatatagt	aaagatgcc	attttatcca	aattattaca	26040
caggataaca	ttattactac	caaaatccca	gaaaaatttt	acatagatat	agacaagatc	26100
atacaaaaat	gtatacggaa	atatgcaag	gaactagagt	agctaaaaca	aatttgaaaa	26160

agaaaaataa	agtgggaaga	atcagtctat	ccagtttcaa	gacttacata	gctacagtaa	26220
tcaagactgt	gatattgaca	gagggacagc	tatagatcaa	tgcaacccaa	tagagaacta	26280
agaaagaagc	acacacaaat	atgcccaaat	gatttctgac	aaaggtgtta	aaacacttca	26340
acgggggaag	atatgtctct	cattaaaggg	tgtagagtca	ttgcacatct	ataggcaaaa	26400
agatgaacct	gaacctcaca	ccctacagaa	aaattaactc	aaaatgactc	aaggactaaa	26460
cataagatat	acatctataa	aacattttaga	aaaaggccac	gcacggtggc	tcacgctcgt	26520
aatcccagca	ctttggggagg	ccaaggcagg	tggatcacct	aaggtcagga	gtttgagacc	26580
agccggatca	acatggagaa	gccccatctc	tactaaaaat	acaaaattag	ctggacgtgg	26640
tggcacatgc	ctgtaatccc	agctacttgg	gaggctgagg	catgagaatc	gcttgaaccc	26700
ggggggcaga	ggttgcggtg	agccaagatc	acaccattgc	actccagcct	gggcaacaag	26760
agcaaaactc	caactcaaaa	aaaaaaaaaa	aaaggaaaaa	tagaaaatct	ttgggatgta	26820
aggcgaggta	aagaattctt	acacttgatg	ccaaactaag	atctataagg	ccagtcgtgg	26880
tggctcatgc	ctgtaattcc	agcactttgg	tcaactagat	gaaagggtata	tgggaattca	26940
ctgtattatt	ctttcaactt	ttctgtaggt	ttgacatttt	tttagtaaaa	aattggggga	27000
aagacctgac	gcagtggctc	acacctgtaa	ttccagcact	ttgggaggcc	ggggcagggtg	27060
gatcacacgg	tcaggagttc	gagaccagcc	tggccaacat	ggtgaaaccc	cgtctctacc	27120
aaaaatataa	aaaattagcc	gggtgtcatg	gtgcatgcct	gtaatcccag	ctactgagga	27180
ggctgaggca	ggagaatcac	ttgaacctgg	gaggtggaag	ttgcagttag	ccgagattgt	27240
gccactgcac	tccagccttg	ggtgacagag	cgagactccg	tctcaaaaga	aaaaaaaaaa	27300
aaagaatatc	aaacgcttac	tttagaaact	atttaaagga	gccagaattt	aattgtatta	27360
gtatttagag	caatttttat	gctccatggc	attgttaa	agagcaacca	gctaacaatt	27420
agtggagttc	aacagctggt	aaatttgcta	actgttttagg	aagagagccc	tatcaatatc	27480
actgtcattt	gaggctgaca	ataagcacac	ccaaagctgt	acctccttga	ggagcaacat	27540
aaggggttta	accctgttag	ggtgttaatg	gtttggatat	ggtttgtttg	gccccaccga	27600
gtctcatggt	gaaatttggt	ccccagta	ggaggtgggg	ccttattgga	aggtgtctga	27660
gtcatggggg	tggcatatcc	ctcctgaatg	gtttggtgcc	attcttgtag	gaatgagtga	27720
gttcttactc	ttagttccca	caacaactgg	ttattaaaaa	cagcctggca	ctttcccca	27780
tctctcgctt	cctctctcac	catgtgatct	cactggttcc	ccttcccttt	atgcaatgag	27840
tggaagcagc	ctgaagccct	cgccagaagc	agatagtgat	gccatgcttc	ttgtacagcc	27900
tacaaaacca	tgagcccaat	aaaccttttt	tctttataaa	ttatccagcc	tcaggtattc	27960
cttttatagca	agacaaatga	accaagacag	ggggaaatca	acttcattaa	aataatctat	28020
gcagtcacta	aacaaataag	aacaagaggc	tccagaagtg	ggaagccaat	accagaggtt	28080
cctacaatac	agtatctgaa	aagtccagtt	tccaacccaa	aaatatatat	atacaggccg	28140
gacatggtag	cttatgtctg	taatcccagc	actttgggat	gctgaggcgg	gcagatcacc	28200
ctaggtcagg	agttcgagac	cagcctggcc	aatatggcaa	aaccccgctc	ctactaaaaa	28260
tacaaaaatt	agccaggcat	ggtggtggat	gcctgtaatc	ccagctactc	gggaggctga	28320
ggcaggggaat	cacttgaacc	caggaggcag	aggttgtagt	gagccgagat	cacgccactg	28380
aactccagcc	tgggcaacaa	agttagactc	cacctcaaaa	aaaaaaaaaa	tatacatata	28440
tatatgtgtg	tgtgtgtgtg	tgcgcgcgtg	tgtgtatata	cacatacaca	tatatacata	28500
tatacagaca	cacatatata	tatgaagcat	gaaaagaaac	aaggaagtat	gaaccatact	28560
ttctgtgggt	atgataggat	ggggtatcac	gggggaagta	gacaagggaa	actgcaagtg	28620
agagcaaaca	gttatcagat	ttaacagaaa	aagactttgg	agtaaccatt	ataaatatgt	28680
ccacagaatt	aaagaaaagc	gtgattaaaa	aaggaaagga	aagtatcata	acaatattac	28740
tccaaataga	gaatatcaat	aaaggcatag	aaattataaa	atataatata	atggaaattc	28800
cggagttgaa	aggtagaata	actaaaattt	aaaattcact	agagaagggt	caacactata	28860
tttgaactgg	cagaagaaaa	atttagtgag	acaaatatac	ttcaatagac	attattcaaa	28920
tgaaaaataa	aaagaaaaaa	gaatgaagaa	aaataaacag	aatctcagca	aatgtgggca	28980
caccattaat	cacattaaca	tatgcatact	gagagtaccg	gaagcagatg	agaaagagga	29040
agaaaaataa	ttcaaatgat	ggccagtaac	ttcctagatt	tttggtttta	agcaataacc	29100
tatacaatca	agaaactcaa	tgaattccaa	gtaggataaa	tacaaaaaga	accacaaaca	29160
gatacaccat	ggtaaaaatg	ctgtaagtca	aaaacagaga	aaatattgaa	agcagctaga	29220
ggaaaactta	taagagaacc	tcacttacaa	aagaacatca	cttataaaaag	aaccacaata	29280
atagaaacag	ttgacctctc	atcagaaaca	atgaatgata	acatatttga	agtgtctcaa	29340
gaaaaaaaat	aaagattcct	atatacgaca	aagctgtcct	tcaaaaatat	acatccaaaa	29400
ggattgaaac	cagggctctg	aagagttatt	tgtacatcca	tgttcatagc	agcattattc	29460
acaatagcca	aaaggtagaa	gcaacccaag	ggtccatcga	caaataaata	aatgtgggta	29520
tatgtatata	caatggaatt	tattcagtat	taaaaaggaa	tgaattctctg	acacatgcta	29580
caacatggct	aaaccttgag	aacactatgc	taagtgaat	aagccagcca	caaaaggaca	29640
aataccatat	tacttcactt	gtatgaaata	cctagggtag	tcaaattcag	agatagaaag	29700
taaaacagtg	gttgccaagg	gctgagggag	ggagtaacgt	ggagttattg	ttgaatgggt	29760
acagaatttc	agttttgcaa	gataaaaaga	gttctggaga	cagatgggtg	tgaggggtgg	29820
acaacaatac	aaatatactt	tatactactg	aacagtatac	ttaaaaatga	ttaacatggg	29880
gaaaccccg	ctctactaaa	aatacaaaaa	aattagctgg	gtgtgggtgg	gggcacctgt	29940
aatcccagct	acttgggagg	ctgaggcagc	agaattgctt	gaaaccagaa	ggcggaggtt	30000
gcagttagct	gagattgcgc	caccgcactc	tagcctgggc	aataagagca	aaactccgtc	30060

tcaaaaaata	aaaaataaaa	aaaattttaa	aatgattaag	caggaggcca	ggcacggtgg	30120
ctcacaccta	taatgccagc	actttgggag	gccgaggcag	gcgatcactt	gagaccagga	30180
gtttgagacc	agcctggcca	acatggcaaa	accctgtctc	tgctaaaaat	acaaaaatta	30240
gccaggcatg	gtggcatata	cttataatcc	cagctactgg	tgagactgag	acacgagaat	30300
tgcttgaacc	caggaggcag	agattgcagt	gagtcgagat	cgcgccactg	aattccagcc	30360
tgggcgacag	agcaagattc	tgtctcgaaa	aaacaaaaac	aaaaacaaaa	agcaaaaacca	30420
aaaaataatt	aagcaggaaa	cgagattgct	gctgaggagg	agaaagatgt	gcaggaccaa	30480
ggctcatgag	agcacaaaac	ttttcaaaaa	atgttttaatg	attaaaaatgg	taaatttttat	30540
atgtatctta	ccacaaaaaa	aagggctggg	gggcaggaaa	tgaagggtgaa	ataaagacat	30600
cccagagaaa	caaaagtaga	gaatttggtg	ccttagaaga	aacaccacag	gaagttcttc	30660
aggctgaaaa	caagtgaccc	cagagggtaa	tctgaattct	cacagaaaat	tgaagcatag	30720
cagtaaaggt	tattctgtaa	ctatgacact	aacaatgcat	attttttcct	ttctttctctg	30780
aatgatttta	aaaagcaatt	gcataaaaata	ttatatataa	agcctattgt	tgaacctata	30840
acatatatag	aatataactt	gtaatatatt	tgcaataaac	tgcaacaaaag	agagttggaa	30900
caaagctggt	actaggctaa	agaaattact	acagatagta	aagtaatata	acagggaact	30960
taaaaataaaa	atttttaaaaa	attttaaaaaat	aataattaca	acaataatat	ggttgggttt	31020
gtaatatata	tagacataat	acaaaaatac	cacaaaaagg	gaagaagaca	atagaactac	31080
ataggaataa	catttttggt	tctaactaga	attaaattat	aaatatgaag	tatatctctgg	31140
taagttaaga	cacacatggt	aaaccctaga	tactaaaaag	taactcacat	aaatacagta	31200
aaaaaataaaa	taaaataaatt	aaaatggttg	tattagtttc	ctcagggtac	agtaacaaac	31260
taccacaaat	tgagtggctt	aacacaactt	aatgtatttt	tctcccagtt	ctggaggcta	31320
aacacctgca	atcaagggtga	gtacagggcc	atgctccctg	tgaaggctct	aggaaagaat	31380
cctcccttgt	ctcttccagc	ttccagtggt	tctcagtaac	cctaagtgtc	ccttggcttg	31440
tagctatata	attcctagca	accagaaaaga	agaaaataat	aaagattatg	gcaaaaaata	31500
atgaaatcaa	aaggagaaaa	atggaaaaaa	ataaataaaa	ccaaaagcta	gttctttgaa	31560
aagatcaacc	aagttaacaa	accttttaac	tagactgaca	aaaaggaggt	aagactcaaa	31620
ttactagaat	cagaaataaa	agaggggaca	ttactaatga	gggattagaa	aagaatacta	31680
cgaacaaatg	tgtgccaaaca	aattagaaaa	cttagatgaa	atggacaggt	tcctaggaca	31740
acatcaacta	ccaaaattta	ctcaagaaga	aagagacaat	ttgaatgagc	tataacaagg	31800
gaagagactg	aattgacaac	caagaaacta	tccacaaaga	aaatcccagg	cccagaagat	31860
ttcactgtga	aattctttca	aacttataaa	tataaattaa	catcagttct	tcacaaactc	31920
ctccaaaaaa	aagaacagat	ctctatttac	aggcgatacg	atcttttagaa	aatcctaagg	31980
gaactactaa	gacactatga	taactgataa	acaagttcag	caaggctgca	ggatagaaaa	32040
ccaatatata	aaaatctatt	atattttctat	acacttgtag	tgaacaaccc	aaaaatgaga	32100
ttaagaaaat	aattcaattt	acaataacat	caaaaagaat	aaaaacactc	aaaaataaat	32160
ttattcaagt	aagtgcaaaa	cttataactct	agaagctaca	aaacactggt	aaaagaaatt	32220
aaagggtttac	ataaatgaaa	aactatocca	tgttcatgga	tcaaaagact	tattactggc	32280
aatgctctcc	aaattgatct	ataaattcaa	caaaatcctt	atcaaaatcc	cagatgaggc	32340
tgggggtggc	ggttcatgcc	tgtaatocca	gcactttggg	aggctgaggc	acgcagatta	32400
cctgaggtcg	ggagctcgag	atcagcctga	ccaacatgga	gaaaccctat	ctcttctaaa	32460
aatacaaaaat	tagtcaggcg	tggtggcaca	tgcttataat	cccagctact	cgggaagctg	32520
aggcaggaga	atcgcttgaa	cccaggaggc	agaggttgca	gtgagccaag	atcgtgccat	32580
tgcactccag	cctgggcaac	aagagcaaaa	ttccatctca	aaaaaaaaaa	aaaaaaaaatc	32640
ccagatgact	tcactggtga	aattgaaaag	attattctaa	aattcacatg	gaattgcaag	32700
accttgagaa	tagccaaaac	aaacttgaaa	aacacgaaca	aaatatagga	tgactcactt	32760
gccaattgca	aatgttacga	cacagcaaca	gtaatcaaga	ctgtgtggta	ctggcaaaaag	32820
acacatacat	acatacatat	caatggaata	taattgagag	tacagaaaca	agcctaaaca	32880
tctatggtaa	gtgcttttct	atttttttct	tttttttttt	cttttttgta	gagatagaat	32940
ctcaccatgt	tgcccaggct	ggtcttcaac	ttctgggctc	aagcaatcct	cccactgtgg	33000
cctcccaaag	tgctgggata	actggcatga	gccaccacat	ccagcccaga	tgattttcaa	33060
aaaagtcaac	aagaccattc	ttttcaacaa	ataggctctgg	gatgatcaga	tagtcacatg	33120
aaaaaaaaaaa	tgaagttgga	ccctccatca	cactaaagtg	ctgcgattat	aggcatcagc	33180
caccacatcc	agcccaaagt	attttcaaaa	aggtcaacaa	gaccattctt	ttcaacaaat	33240
aggtctggga	taatcagata	gtcacatgaa	aaaaaaaaatg	aagttggacc	ctccatcaca	33300
ccatatgcaa	aaattaattc	aaaaatgaat	tgatgactta	aacgtaagag	ttacgactgt	33360
aaaactctta	gaaggaaaca	tacgggtaaa	tcttaaagac	gttaggtttg	acaaagaatt	33420
cttagacatg	acaccaaaaag	catgaccaac	taaggtaaaa	tagggtaaat	tgtacctacc	33480
aaaatgaaaa	acctttgtgc	tggaaaggac	accatcaaga	aatggaaagc	caaaatagcc	33540
aaggcaatat	taagcaaaaa	gaacaaagct	ggaggcatca	tactacctga	cttcaaagca	33600
acagtaacca	aaacagcatg	gtactagtag	aaaaacagac	acatagacca	atggaacaga	33660
ataaagaacc	caaaaataaa	tccacatatt	tatagtcaac	tgatttttga	caatgacacc	33720
ccttcaataa	atgatactag	gaaaactgga	tatcgatatg	cagaagaata	aaactagacc	33780
cctatctctc	accatataga	aaaatcaact	cagactgaat	taaagacttg	aatgtaagac	33840
ccaaaactat	aaaactactg	gtagaaaaca	taaggaaaaa	cgcttcagga	cattgggtcca	33900
ggcaaagatc	ttatggctaa	aacctcaaaa	acacaggcaa	caaaaacaaa	aatggaaaaa	33960

tagcacttta	ttaaactaaa	aagctcctgc	acagcaaagg	aaacaacaga	atgaaaagac	34020
aacctgtaga	atgggagaaa	atatttgcaa	actatccatc	catcaaggga	ctagtatcca	34080
gaacacacaa	gtgactaaaa	caactcaaca	gcaaaaaagc	aaataatctg	gtttttatat	34140
gggcaaaaga	tctgaataaa	cattctcaaa	ggaagacata	caaagtgtac	tatcattctg	34200
ccagtaccac	actgtcttga	ttacttggtt	gtgtataaat	ttttaaattg	ggaagtgtga	34260
gtcatcctac	actttgttct	tgtttttcaa	gtttgttttg	gctattctgg	gagccttgca	34320
agtataaaaat	agccaacaag	tatgaaaaaa	tgctcaccat	cactaatcat	cagagaaata	34380
aaaatcaaga	ccactatgag	atatectctc	actccagtta	gaatggctac	tatcaaaaag	34440
acaaaatata	atggatgctg	gcaaagattt	ggagaaaagg	gaactcctat	acactgtggg	34500
tagggatgca	aattggtaat	ggccattatg	gaaaataata	ctgaggtttt	tcaaaaaact	34560
gaaaatagaa	ctaccatatg	atccagcaac	cctactactg	ggtatttata	caaaggaaag	34620
aagtcagtat	actgaagaaa	tatatgcact	ctcatgttaa	ttgcaacact	gttcacaaca	34680
gccaagacag	ggaataaatc	taaatgtgca	tcaacagatg	aatggataaa	gaaaatgtgg	34740
catatacact	caatagaata	ctattcagcc	attaaagaag	aatgaaatcc	tgtcatccca	34800
gcaacatgga	tgaacctgga	ggacattata	tttaatgaaa	taagttaaagc	acaaaaagat	34860
aaacagtaca	tgttctcact	cagacatggg	tgctaaaaag	aaaatggggg	cacagaatta	34920
gaagggggagg	cttgggaaaa	gttaatggat	aaaaatttac	agctatgtaa	gaagaataag	34980
ttttagtgtt	ctatagaact	gtagggcgag	tatagttacc	aataacttat	tgtacatggt	35040
caaaaagcta	gaagagattt	tggatgttcc	cagcacaag	gaatgataaa	tgtttgtgat	35100
gatggatatc	ctaattaccc	tgattcaatc	attacacatt	gcatacatgt	atcaaattat	35160
cactctgtac	ctcataaata	tgtataatta	ttacgtcaac	aaaaaaagga	aaaaaaagaa	35220
aattaagaca	acccacataa	tggagaagaa	aaaatatctg	caaattatat	atatctgata	35280
aatattttaat	atttataata	tataaagaac	tcctacaact	caagaacaac	aacaaaacaa	35340
cccaattcaa	aaatgggtaa	aagccttgaa	tatacactta	tctaaagact	atatacaatt	35400
ggccaataaa	gacacgaaaa	gatgctcaac	atcactagtc	atcagggaaa	tataaatcaa	35460
aaccacaatg	tagaatgtag	acaccacttc	atatgcacta	ggatggctag	aataaaaagg	35520
taataacaaa	tgttggttaag	gatgtgaaaa	aatcagaaac	ctcattcgct	gctgttggga	35580
atgtaaagtg	atgcagccac	tttggaaaac	agtctggcag	ctcctcaaat	tattaaatac	35640
agagttaccg	tatgaccacg	gaatatccct	cctgggtcta	taaccaaaaa	aatgaaaaca	35700
tatatccaca	taaaaacttg	tacatgggca	tttatagcaa	cattattcat	aacagcaaag	35760
gtggtaagaa	cccatatgcc	catcatctga	tgaacaggta	aataacatgc	ggtattatcc	35820
atacactaga	atattatctg	cccatacaag	gagtgcacac	cagctacatg	ctacaaggat	35880
gaatctcgga	aaccttatgc	taagtgaag	aagccagtca	caaagtacca	cagattatga	35940
ttccatgcat	cggaaatgac	cagaataggg	aaatctatag	agacagaaag	tagattagt	36000
gttgggtggg	gctgggagga	caggtagtac	actactttcc	cagaactact	ggaacaaagt	36060
accacaaact	ggggagctta	aacatagaaa	ttgattttct	cacagttctg	gagactagga	36120
ctctgagatc	aaggtgtcag	cagagctggg	tctttctgag	ggccctgagg	caaggctctg	36180
tcccaggcct	ctctccttgg	ctggcagggt	gccatcttct	ccctgcgtct	tcacatcatc	36240
ttttctctgt	gtgtgcccac	gtccaaattt	tgattggctc	attctgggtc	atggccaatt	36300
gctatgcaca	aagtgaagtc	tacttccaaa	agaagggaag	agggaacact	gactaggcta	36360
aacttatagt	catttttaatg	tccgcttttc	ctatgagatt	gtgaacacac	agaagtaggg	36420
tttttatcta	cattgtgcaa	agtttaataa	gaaaaataga	attcaagaga	agcagttcaa	36480
tagcaggaat	ttaatatggg	aactaattac	aaggtttagg	gcaggactaa	aaagccagtt	36540
gggatggtga	gccaacccag	agattagcaa	cagtgggacc	ccatctacct	accacccatg	36600
aagctggaag	gataaaggag	gggctattat	cagagtcac	aagccagtgt	cagagtcctt	36660
ggctggagct	gggaccaccc	tagagacact	gtgcaaagca	gaaaacaagg	gggaaaaacc	36720
ctgacttctc	ccttcctccc	acctttcaat	ctcccactag	tgcttcctac	tagccatact	36780
tggccagaga	cagtgcacaag	gaacactgca	aatgaagtt	tgtaggaatc	atctccctct	36840
gagacagaga	aatatggaag	ggtagaaaat	gaatcagagg	ataaagagaa	aaaaccctga	36900
gtactatctt	atttatcttt	gtatctccag	tgctaatctt	gtctctcaaa	aaaggaaagc	36960
aattgagaga	aactgaaaac	tccaattgaa	atgaaagaat	ggagaattac	tggactagaa	37020
gagaagagaa	aaatttatcc	cgcataagag	aaacaagaat	ggattcacia	aggacgtgat	37080
gaatgaaaag	ctataatcag	caaagatttg	ccagagaaat	taaaaagtgg	taaactcagc	37140
cacgctgtac	aacctgaagg	cacaatgcat	gaaaacgttt	caagaaatga	caagatttga	37200
agtcaaatcc	taagtgcctt	tccagaatct	ctcaagacga	ttatatagct	accccathtt	37260
attaaataaa	atggaaactt	actaaacttt	ccccttgat	taaactaaca	tatgtcctaa	37320
tagcaaacga	ttctggaatt	cctagagtaa	aatatatttc	gtcaaagtgt	attgctcttt	37380
taatattctg	ctgacctcct	tttgctattt	aggatatttg	tatacacatc	acacgtaaat	37440
ttggtctata	gtttacatct	acgggcttat	actgttcttt	ttttcatttt	tttaaaattt	37500
ccaaccccca	gtatccatat	actgctctct	atcagggtta	ttttaacttt	gtaaaatcag	37560
ctgagatgct	ttccatgttt	ttttttttta	ttttctgcca	catttgaata	gcataggagt	37620
taccaccatc	aaccttggtg	tatttaagca	ttcacgatcc	cacgtgtgga	ttttttatcc	37680
agagtctttc	ttgtcattcc	tgctatcagc	acagaaccca	atctcagctt	tccagctata	37740
ctctcacccc	atggaatttg	cagatgaagt	tcaaaaggac	ctttgcatta	tcctgcctcg	37800
ccctcttccc	ccttcattta	gacatcacct	tcttctagaa	cgtcttacct	gacatgccct	37860

gctcccaacc	cctgctgccc	aattgtgtgc	tctcccgtgt	cctggcctgc	catcctcttt	37920
agtaattgcc	tgctccctca	tctgtctccc	caccagaca	ttaagctgaa	tagactggat	37980
ttgtgtcttg	tccatcacta	taatctcagc	acctagtacc	tagtaggtac	ttaccatgta	38040
ttcattagca	aaatgttatg	tataaccttg	caccttaaaa	acaagagaag	gaagacaaaa	38100
ttaagtctta	agactatggg	ttagaacatg	gatcagaaac	tacagtctgc	agcccaaata	38160
cagaccaaat	gaagagacca	tggtcattta	catacaacct	atagcagctt	tcacactaca	38220
ggagcagagc	taagtagttc	caagggaaca	cacggccctg	caaagcctaa	aatattttact	38280
ctatagctct	tcacagaaaa	agtttttcaga	tccctcgttt	agaactcttg	ttcatatgca	38340
atttcactaa	accatagttt	tttggggttg	tttgggtttt	tttggcaaaa	aggaatgagc	38400
cgatccagaa	aagggtgaaa	agaatgaatc	attactgctg	aaagaatgtg	cacacagtcc	38460
gtcagtatct	tgctgccatg	ctgacaccca	tccaatagtg	tcatgagatg	cagcagctac	38520
tactgtgttc	tcaatgccga	gtccacccac	tccataacca	tgtccaagca	atcttgggaa	38580
catcatcacc	atgcttggtt	atccttaagg	tattgcttca	catacagcag	tggctgggtca	38640
taaagtcaaa	tgacactagt	ggccaggagg	tcaagagaat	gagtgaggac	aggtgggtag	38700
gcagcccagg	ccctagcaac	agcaggagct	caccctcag	tcactctagc	caggactgaa	38760
atacttttca	ccctttcaag	agagactagg	aatctggatt	tttatgtgaa	atatcttgat	38820
tactaaatgt	tgtcaacaga	catgtcaaaa	ggtaaaaacta	agtaagttca	tgggggcagat	38880
tgactattca	ggttatagaa	ttaaggattc	ttatccaaca	cagataccaa	ccaaaaagct	38940
gacgtataac	atattaggag	aaactatgtg	cactgtcgaa	acatcaacaa	ggggctaata	39000
tctaaaatag	tctatattgg	attccagttg	aaacatgggg	aaaggacatg	aacaggcaac	39060
ttatgtcaat	ggaaactcaa	aaagataaca	agcatatata	aaagcattct	caaattcagt	39120
agtaaacaga	cagatgcaaa	taaaaagagg	gaaactgctg	ccgggcacag	tggctcacac	39180
ctgtaatccc	agcactttgg	gaggccgagg	cgggcggatc	atgaagtcag	gagatcgaga	39240
ccatcctggc	taacatgggtg	aaaccccgctc	tctactgaaa	acacaaaaaa	ttagccaggc	39300
gtagtgggtg	gcaccagtag	tcccagctac	tcaggagggt	gaggcaggag	aatggcatga	39360
acccaggagg	cggagattgc	agtgagccga	gaccatgcc	ctgcactcca	gcctgggcga	39420
ctgagtgaag	ctccatctca	aaaaatataa	taataattat	aattataata	ataataaata	39480
gtaaataaat	aaaaagagag	agactgctaa	agtctagaaa	gttgaatgat	gccaagcgca	39540
tgcaaagatc	agggccttgg	gatggccggg	tgcagtggct	cacgcctgta	atcccaccac	39600
tttgggaggc	caaggcgggc	ggatcatgag	gtcaagagat	caagaccatc	ctggccgaca	39660
cagtgaiaacc	cggctctctac	taaaagtaca	aaaaaatata	tatatatata	tatattatta	39720
tattatatat	atatatatca	gagccttggg	aatccttgtg	tgtctgctgg	gaaggtagtg	39780
gtgcagccac	ccttgacagc	aatctggcag	tacttgggtt	tattaagtat	aggcacacac	39840
cacgaccagg	cagtcctact	cctgggtcta	aatcccaag	aattctcaca	caagtccata	39900
aggagacatg	tacgaggctc	attcagcatt	actgggagtg	ggaatcaacc	tgggtgtcca	39960
tctacaggag	acgagatgga	caaaatgtgg	tggatattaa	gaccagaatc	accaagtaac	40020
agagatgggt	ggtgagtgac	aatcctaaga	tacagaataa	aggctagaac	atgatgccat	40080
tcatgtaaat	taaaaataga	tgcacacaaa	gcagtatacg	cgtgaccctt	gaatagcaca	40140
ggtttgaact	gcctgtgtcc	acttacatgt	ggattttctt	ccacttctgc	tacccccaag	40200
acagcaagac	caacccctct	tcttctctct	ccccctcagc	ctactcaaca	tgaagatgac	40260
aaggatgaag	actttttatga	taatccaatt	ccaaggaact	aatgaaaagt	atattttctc	40320
ttccttatga	ttttctttat	ctctagctta	cattattcta	agaatatggt	acataataca	40380
catcacacgc	aaaataaatg	ttaattgact	gttttatatta	tgggttaaggc	ttccactcaa	40440
cagtaggctg	tcagtagtta	agtttttggga	gtcaaaaagt	atacacagat	tttcaactgt	40500
gcaggcaatc	agttcccctg	acccctcat	tgttcacggg	tcaactgtat	atacacaaaa	40560
gtattatatg	aacctcatta	gaatagctgt	ctataggagg	aagagaatga	gagtgggata	40620
aaacggaatg	aacaaataaa	ccaacaaatg	cattaacaag	caaaacaaca	gaggggcttg	40680
catggggccag	tgatgataaa	gggctaagaa	tgagaatata	attaattcaa	ttcctcacac	40740
ctgagggtcta	aaaccaagga	aaggggaggc	caggcgtgga	ggctcacgcc	tgtaatccca	40800
gcactttggg	aggctgaggc	gggcggatca	caagattagg	agtttgagat	cagcctggcc	40860
aacacagtga	aagcccatct	ctacaaaaaa	tacaagaatt	acccagggtg	ggtggcacat	40920
gcctgtagt	agctactctg	gaggctgagg	caggagaatc	acttgaacc	aggaggcgga	40980
ggttgcagg	agccgagatc	acaccattgc	actccagcct	gggtgacaga	gtaagactct	41040
gtctcaaaaa	aataaaaaaa	ataaaaaaac	agagaaaagg	aggaaactag	atccaggctg	41100
actagatata	gccttttagag	ttagaaaaga	tgatttgaca	atctaagccc	acactcagat	41160
tgaatgaaat	tgaaaagcct	ttcaaactaa	aacatttaat	tacaccatct	gctgcagaca	41220
gaactcagac	aactcaaaca	ggtaatgtca	gcgtgggtgt	ttatatcacc	accctcaaca	41280
cagaataaaa	atcagctgca	tgtgaagcag	tgactagaat	gaagaaaagg	ctgcttctta	41340
cttccttcta	gtggttcttt	ccgaaaacat	taataggcac	cagctctatg	catgtcaccc	41400
tgaggggaga	catgggggtat	ataactatga	cttactgttc	attcctcaag	gaattcccaa	41460
tcttgtggaa	gattatacac	aatgaggcaa	caaaaactat	ccaataaaac	cacggaaaag	41520
aagccagtga	caaagaagcc	agtgatgaaa	ggcctgtgta	gcagagctga	tggccatttg	41580
gggaagaaag	accaacatgg	atgggggtga	tcagggtggc	tccgtgggaa	agctggaaga	41640
gaagtggcag	atctctgagc	tggatgatgg	gccactacca	tctgtatatg	gctaattaaa	41700
gaccatgtgt	ggatttttta	ttcagctctt	tcgtgtcatt	cctgctatca	gcacagaacc	41760

caatctcaac	tttccagcta	tattgagcta	aactttctcac	ctcatggaat	ttgcagataa	41820
agttcaaaag	gaccccttgc	ttttcaaaat	aatttttgaat	gggtgagtag	tccctctgtg	41880
ctctctcact	gacacccctct	caaggetgct	gagcacgtgc	catgctatgg	ctttctccaa	41940
catcaggaaa	tgttctccac	tcagtttcac	cttaatacaa	atgtgttctc	tcttcagaga	42000
aggcaaaaaa	attcatgacc	atctgactgg	gagaagtcac	ttctaggtaa	agtgtccatc	42060
tttttctgag	gaacacagga	ggaaaatctt	acagaaaaga	gttaacacag	caggcctaag	42120
actgcttttt	aaaataaata	aataaataaa	taaataaata	aataaataaa	taaataaata	42180
aataaatgaa	tgatagggtc	ttctgtattg	gccaggctag	tctcaaattc	ctggcttcaa	42240
gagatcctcc	caccttggtc	tcccacagtg	ttgggattat	agacatgagc	cattgtgctt	42300
ggcccaagac	tggtattctt	aaaaagtctc	ataaaaagca	tgggttaatcc	ttggctggca	42360
cctgggaact	tagatttcag	aagggttccc	accatccaac	ctggaaagag	ggactcactg	42420
tgcctaaatt	attgtgtggt	ttatgctgaa	ctcctgcttt	tcttcaggtg	gcgtggaatg	42480
tggatgtgct	tgggcaaagg	gggcctgcat	gaccagcccc	caataaaaac	cctgggtgtt	42540
gggtctctag	tgagtttccc	tggtagacag	catttcacat	gcgttgtcac	agctccttcc	42600
tcggggagtt	aagcacatac	atcctgtgtg	actgcactgg	gagaggatgc	ttggaagctt	42660
gtgcctggct	tcctttggac	ttggcccat	gcacctttcc	ctttgctgat	tgtgctttgt	42720
atcctttcac	tgtaataaat	tacagccgtg	agtacaccac	atgctgagtc	ttccaagtga	42780
accaccagat	ctgagcatgg	tcttggtggc	ccccaacaca	gaaataaatt	ataaaaagacc	42840
aaggactggg	catggtggcc	catgccggtg	atctcagcgc	tttgggaggc	cgaggcagga	42900
ggaccagtta	agcccaaaag	ttcaaagtta	cagtgcacta	tgactgcgcc	aatgcactct	42960
aacctgggag	acagagcaag	acctgtccc	caaaacaata	aactaaacac	atacttctgc	43020
cttccaagtg	tcttaaaatt	caatggaatg	gtagaaacat	ttttaaaaca	ctaaatcaaa	43080
agaaacctgg	aaaacaagag	tgcgatggc	caactaaaat	gtctaggaaa	tttctgaaaa	43140
gtaaaaagta	ctcagaacca	gattacctga	gcaaaccata	gccaataaca	agcttgggag	43200
gaggctgtta	tgcagaagga	aatggttaaca	ggtttccagg	aacagacttg	taacagcaga	43260
tagaacagca	gaggtagaac	ctgacaaggt	gattacctgg	ggaactgcag	tctgaatgac	43320
caggactgtt	ggacccttcc	cctcacatgg	aatacacacg	ccactcagca	gcacaccaca	43380
gctcttcaac	aatcacagga	ggcacgctac	gcctagtaag	acaggaaaaa	aggaattctc	43440
aaacttcgaa	gatgaacaca	taaagaatca	ccaagttttt	attcagtatg	atgaaacagg	43500
gacactgaat	caacagaaca	caaaccacaag	caaagataat	tactagagca	catagaagaa	43560
attattagat	attccttggga	agacctaaag	ggacattata	aagagcaagc	agttggtatg	43620
tgacgatctt	tgtgatatac	caagaaataa	aaacacagga	tgaagaccag	atagagaata	43680
atgctactat	ttgtgcaaaa	aaggagaaat	ggagaatctg	attcatatgt	gcttgtatgt	43740
gcatgaagaa	actttggaag	gtacataagt	aactaacaac	aatggttacc	tacttgtatg	43800
gagagagaag	taagaggaca	ggaatggtgg	gaacaccttt	tgtgtccgga	attggtgggt	43860
tcttggtctg	acttgagaaa	tgaagccgtg	gacctcgcg	gtgagcgtaa	cagttcttaa	43920
aggcggtgtg	tctggagttt	gttccttctg	atgtttggat	gtgttcggag	tttcttctt	43980
ctggtgggtt	cgtagtctcg	ctgactcagg	agtgaagctg	cagaccttcg	cggcgagtgt	44040
tacagctctt	aagggggccc	atctagagtt	gttcgttctt	cctggtgagt	tcgtggtctc	44100
gctagcttca	ggagtgaagc	tgcagacctt	cgaggtgtgt	gttgcagctc	atatagacag	44160
tgcagaccca	aagagtgagc	agtaataaga	acgcattcca	aacatcaaaa	ggacaaacct	44220
tcagcagcgc	ggaatgcgac	cgcagcacgt	taccactctt	ggctcgggca	gcctgctttt	44280
attctcttat	ctggccacac	ccatattcctg	ctgattgggtc	cattttacag	agagccgact	44340
gctccatttt	acagagaacc	gattggtcca	tttttcagag	agctgattgg	tccattttga	44400
cagagtgtctg	attggtgcgt	ttacaatccc	tgagctagac	acagggtgct	gactggtgta	44460
tttacaatcc	cttagctaga	cataaagggt	ctcaagtccc	caccagactc	aggagcccag	44520
ctggcttcac	ccagtggatc	cggcatcagt	gccacagggtg	gagctgcctg	ccagtcccgc	44580
gccctgcgcc	cgcactcctc	agccctctgg	tggctgatgg	gactgggcgc	cgtggagcag	44640
ggggtggtgc	tgtcagggag	gctcgggccc	cacaggagcc	caggaggtgg	gggtggctca	44700
ggcatggcgg	gccgcaggtc	atgagcgtctg	ccccgcaggg	aggcagctaa	ggcccagcga	44760
gaaatcgggc	acagcagctg	ctggcccagg	tgctaagccc	ctcactgcct	ggggccgttg	44820
gggcccggctg	gccggccgct	cccagtgcgg	ggcccgcgca	gcccacgccc	accgggaact	44880
cacgctggcc	cgcaagcacc	gcgtacagcc	ccggttcccg	ccgcgcctc	tccctccaca	44940
cctccctgca	aagctgaggg	agctggctcc	agccttggcc	agcccagaaa	ggggctccca	45000
cagtgcagcg	gtgggctgaa	gggctcctca	agcgcggcca	gagtgggcac	taaggctgag	45060
gaggcaccga	gagcgagcga	ggactgccag	cacgctgtca	cctctcactt	tcatttatgc	45120
ctttttaata	cagtctggtt	ttgaacactg	attatcttac	ctattttttt	tttttttttt	45180
tgagatggag	tcgctctctg	tcgcccagac	tggagtgcag	tgggtccatc	ctggctcact	45240
gcaagctccg	cctcccgggt	tcacaccatt	ctcctgcctc	aacctcctga	gtagctggga	45300
ctacaggcaa	tcgcccaccac	gcccagctaa	ttttttatgt	tatttttttt	ttagtagaag	45360
eggagtttca	ccatgttagc	cagatggtct	caatctcctg	acctcgtgat	ccatccgcct	45420
cggcctccca	aagtgtggg	attacagacg	tgagccactg	cgcctgcctt	atcttaccta	45480
tttcaaaagt	taaactttaa	gaagttagaa	cccgtggcca	ggcgtgggtg	ctcacgcctg	45540
taaccccagc	actttgggag	gccgagggcg	gaggatcacg	aggtcaggag	atcgagatca	45600
tcctgggttaa	cacagtgaag	ccccgtcgtc	actaaaaata	caaaaaatta	gccgggcgtg	45660

gtgggtgggca	ccggcagtc	tcgctactgg	ggaggctgag	gcaggagaat	ggcgtgaacc	45720
tgggagggcag	agcttgagc	gagccgagat	agtgccattg	ccttccagcc	tgggagacag	45780
agcgagactc	cacctcaaaa	aaaaaaaaaa	aaaatagaga	cccggaaagt	taaaaatatg	45840
ataatcaata	tttaaaaaca	ctcaagagat	gggctaaaga	ggtgacggaa	caaatctaaa	45900
tattagattg	gtgacctgca	aaaccagccc	aaggaacatc	ccagaatgca	gcccataaag	45960
ataaagagag	catttccgct	gggcacagtg	gtatggcagg	ggaattgcct	gagtccaaga	46020
gttgcaggtc	acattgaacc	acaccattgc	actccaggcc	tgggcaacac	agcaataactc	46080
tgtctcaaaa	aaaaaaaaaa	ttaaattaaa	aaagacagaa	tatttgagag	aaaaaaatgc	46140
ttatttcaag	aaacatgaaa	gataaatcaa	gatattctaa	ttcccagta	agaataattc	46200
cagaagcaga	aaatagaata	gaggcaagga	aacactcaaa	acttctccag	tgccatagaa	46260
atgtgtatta	atcttttagaa	tgaaacggac	taccaaattgc	tgagcaggaa	gaacaaaaga	46320
gatccactct	taagccagtg	tgggtgcccac	gcgcagtgcc	tcagcctgt	aatcccagca	46380
ctttgggagg	ccgaggcagg	tggatcacct	gaggtcagga	gtttgagatc	agtcaggcca	46440
acatggtgaa	accctgtctg	tactaaaaat	acaaacatta	gctgggtatg	gtggtgcaca	46500
tctgtaatcc	caactacttg	ggaggctaag	gcaggagaat	cacttgaaac	caggagggtg	46560
aggttgtagt	gagccgagat	catgccacac	tcccagcctg	ggtgacagag	caagattcca	46620
tctcaaaaaa	aaaatccact	cctagacaaa	taatagttaa	attttagaac	accaaggaga	46680
aagaaaaaaa	attgtaaagc	ttcagagaaa	ataaacatta	actacaaaga	aacgagagtc	46740
agacgcgtgc	acttcttcct	agataaccagc	agataaagca	atatctccaa	aattcagaag	46800
gttttaacgt	agaatcctat	accagtcac	gaatattcac	atggaaaagt	gaaataaaaa	46860
acattgttta	aacatgcaag	ggttcagaaa	gtttaccatt	cacagaatcc	ctgaaaacaa	46920
aaccaataaa	tcacttaagg	actcattaag	aaaacaaatg	aaataaaagc	accaatgatg	46980
agtaataaat	cagaaaaatt	tacagtttac	ctaaataact	gtttatgcat	aatgtatgaa	47040
aacccaaaaa	tttaatatgg	gacagaatta	aatcatgat	aagattcttt	tttgctttac	47100
tcattggagag	ttcacataaa	cagattatct	tttaatatgca	agagaaaaaa	atgttttagat	47160
atgtgtgaaa	aactaagggt	accaaaacag	tgcaaattca	tttatcatca	ggaaaatcca	47220
aattaaaacc	acagtatcca	ccagaataac	taaaaggtaa	aagacagaaa	ttaccaagag	47280
ttggcaagaa	tgtggagcaa	ccacatatac	ttctggggta	aataagttgg	tgcaaccggt	47340
actgaaaact	gtttgctagt	atctactaaa	accgagcaca	tgacacagact	acaaccaagc	47400
agttccactc	ccagatacac	actcaacaga	aatgcacaca	ctcactcaac	aaaagacgtg	47460
tactagagtg	ttcatgtact	tactattcat	aatagtcac	aaatgcaaac	aaccaactgc	47520
caatcaaagt	caaatgtata	tctatattag	ggatatatac	aatggcatat	acacagcaat	47580
gagaatgaaa	tgaaccagct	cggcacagtg	gttcatgcct	gtaatctcag	cactttgggc	47640
gggtaaggca	ggcagatcac	ttgagggtcag	aaatttgaga	ctagcctggc	caacacggtt	47700
aaaacctgtc	cccactaaaa	acacaaaaat	tagccgggca	tagtggttgc	aggcctgtaa	47760
ttccagctac	tcgggaggct	gggttgggag	aatcgtttga	accgaaaagc	cggagggtcg	47820
agtgagcgga	gacgtgcca	ctgcactcca	gcctggacga	tagagcaaga	ctccgtctca	47880
aaaaaggaaa	tcaaaaatat	aaaataagat	gacaggaata	atccgcaaaa	gatcagtaat	47940
caaaataaat	ataaatgggc	taaagctacc	tattaaaga	caaagatttc	acaccataa	48000
ggatagctac	tatcaaaaaa	agagagagaa	taacagatgt	tagcaaggat	gtatggaaac	48060
tgaaattctc	acgcattgct	ggtgagaata	taaaatgggt	cagcctctgc	ggaaaacact	48120
atgctgggtc	atcaaaaaat	taaaaataga	agtactactt	gatccaacaa	ttctacttct	48180
gggtatatac	ccaaataact	gaaagcaggg	tcttgaagag	atatttgtac	acccatgatc	48240
atggcagcat	tattcataat	agctatgatg	tggaaccaac	ataaatatcc	tttgataaat	48300
atatggataa	gcaaaatgtg	gtgtatacat	tcaatggaat	attaattagc	aataaaaaatg	48360
aagaaaattc	tgacacatgc	tacaacatgg	atgaaccttg	agggcattac	attaaatgaa	48420
ataagccagt	tataaaaaga	caaatactat	atgaggtact	atattagata	ctcatgcaag	48480
gtacctaaaa	taggcaaatt	catagagaca	aaaagcagaa	tggtgggttc	caggggctgc	48540
ggtaatggat	acagagcttc	aattttgtaa	gatgaaaaaa	ttctggagat	tggttgcata	48600
acaatgtgca	cacacttaac	actggggaac	tgtaaactta	aaagtagtaa	atggtaaaaa	48660
taaaaataat	aaataataaa	ttttatgtta	ttttaccaca	atatttatta	aaagacaaag	48720
attaactaat	taaacaaaat	ccagccataa	gctaattggt	agagtaacaa	ttaaagaaga	48780
cacagaaaat	tgaaaatcag	tgactagaaa	aagatattcc	atataaatgc	taacaaaaag	48840
caagtacagc	aatataaaga	gaatgaacaa	aaaaaaaatt	aaataagatg	gctcgtttat	48900
tcccaaaagg	tacaattcac	caagaagata	caagaattgt	gaacctttta	gcacataaaa	48960
cagcttcaaa	aatacaacat	ttaaagaaaa	atataatatta	aacatagaaa	tagtacaaaa	49020
accctacaa	gaatcataat	gggagtcttc	aatacaactc	tccatatcaa	caggtcaaac	49080
agagaaaaaa	aataagttaa	ggatgcagaa	aacctgaatt	accatcaata	aacttgagat	49140
taatatagaa	ctgtataccc	aatatactaa	gagttcaggg	aacagtcgtg	actgacagtg	49200
gactgcaaat	taatctgttc	ttaatctttg	tttttctttc	agcactgtgg	cagaatagag	49260
atcctaaaaa	ccttccagct	acaaaacatc	tttttaaaaa	tataaaaaaa	tacaaaaata	49320
actctgaaat	caatagaaga	cacatgggtga	aaccaaaatt	ctagaataca	gggagaataa	49380
aggcattttc	agatattaca	aaaacagaaa	attgatcatt	gctgaagtaa	tttctaaaga	49440
atgtacttga	gggagaagaa	aaatgttcca	aagaaaagta	tctgtgatac	aagaagggaat	49500
ggaaagtgaa	gaaatggtaa	acaggtagat	aaagctaata	aatgttgacc	tagaaaataa	49560

caaaaacaat	agcaataatg	tctcgttggg	agggttgaag	taaaaataca	attaaggcca	49620
aatgtgaggt	aagtggaaatg	aaagaattag	aagtccttgc	cttggtcaca	ggactgatta	49680
aataaatgag	ccagggttttc	cattcaaaca	gttaaaactt	gaacaaaata	aactcaaatt	49740
aagtagaaag	ataaaaaaca	gaaattaatg	tcatagaaaa	ataaaaaatc	aatagaatta	49800
atcaataaat	cctgggttaat	aaaagctggt	tctttgaaag	gattaataaa	ataatcatta	49860
agcaagtctg	atcaaaaaaa	aagagaaaag	gtaccaaaaa	aagtactgta	tcagaaagag	49920
aacatacaga	tacatacaga	tatgtaagag	tctgttttct	tacaccagaa	tactatatac	49980
aacattatgc	tagcatatat	taaatttcaa	taatgttaat	gatttttctag	gaaaacagaa	50040
aatattaaat	ttacttttgaa	gaaacagaaa	aactgagaaa	aataaatgat	catgaaaaaa	50100
atgaaaaggt	aattaaatac	tgatattaac	tgccataaca	acaccagcag	cagcccaggc	50160
agtctgcagt	caagttctgc	caaacttgag	ggaacagata	attcttctat	tccagagcat	50220
agaaaatgat	ggaaagtttc	ccaatttaat	cagagaggac	agcctgatcc	ttgttatgaa	50280
cacagataaa	aatggggttaa	actatatgcc	aaactcagat	accaaacc	ttaaataagat	50340
gctagcttat	tgatgtgaac	aatccaaaag	tgcatthtaa	attagcccag	gggttttagag	50400
aaagaaaatc	tagcaatgtg	accaccactt	atgttaacaa	ttttaagacg	aaaatctaca	50460
tgatcatatc	aatgcatgct	acacaaaagc	atttgggcaa	aaaaccac	accaccctt	50520
gacttttttaa	actcttagta	attaggcata	aacagaaatg	tacttaatgt	gatagaatac	50580
actcgggtgaa	gatacagagg	gaatgctccc	taaaaccaag	ccaagacaa	agattcctat	50640
ttaacctcaa	tagtcaacac	tgacgcgaga	gtaatctatg	gaagacaagg	aaaaaagtaa	50700
aaacatgaga	gacatctggt	gtttaacaga	caataagatc	acctacttgg	aagaggcaaa	50760
cgaatcaagc	gaaaaactat	taaaactgag	acaggcttta	gtatggaggc	tcagcttcag	50820
ctgtagtttg	ggctaccaaa	ttcaactcgc	ttgcttggag	agttaatcct	gcaaagctaa	50880
tttctgttga	ggtattagga	ttgacaagcc	tgctgctctc	cctcctcccc	catcttcaac	50940
actgaaataa	cacgggtggt	ggaactggat	aacagaatct	tccaaaaaca	aaaattgtcc	51000
tgaagggtctg	acttgtgccc	ttactcaaaa	aacactttat	ctgctgctg	cagctcctac	51060
agttgctggt	ggataagcct	gccaaccagc	tcggcgtaat	tcttctgca	gagggcaagg	51120
aagagcactt	tcacaggaaa	atthttttcc	gaactgtatg	ccgcttatta	cataaactta	51180
cgtgctggca	aatggagctc	cagcaaaaata	agatattcag	agtcaaaactt	ccttaggaaa	51240
aaaaaaaaaa	aaaagcaagc	acataacact	aatttccttg	catgggcact	ggggaaggag	51300
gtcgttactt	ccgcacgccc	gcagggtccgc	accaccggga	aaccacggg	caccgcgcgc	51360
tgcccccg	ccttccagggt	gcactgcgc	gcggcgcccc	agctgacccg	ggatgcgcag	51420
ccctagccct	tcccctgtca	ccccggccag	gaaggggcg	gagcgcgcg	gacgccgagg	51480
gcgaagggt	tctcggctct	ctgcaccacg	cagcaccccc	aaggcacac	agggaggggtg	51540
cgggagggctc	ccgagaccca	ggagccgggg	ccgggcgtgc	ccgcgcacct	gtcccactgc	51600
ggcgaggggt	ggggtcgct	ccagggccgc	agctgtcg	agccacctg	ctctcagtcc	51660
cgggtccctg	cgacaaccct	cgggcccggg	ggggaggagg	cggccacctg	ccgctgccac	51720
ctgcggcacc	ggtcccaccg	ctccgggccc	ggcaggacag	gccaggacgt	ccctcctggg	51780
ctggggacag	gacacgcgac	gaggggaccc	gggccccgc	ggcgaagacg	cagcacgcct	51840
tcccagaaag	gcagtcccgt	gccccacga	cggactgccc	gacccccgcg	ctcgccccgc	51900
catcccttca	gaccacgcgg	ctgaggcgca	aagagccggc	cggcgggcg	gctggcgggc	51960
cggctagtac	tcaccggccc	cgctgggtca	gcgcgcgcgc	aacccccagc	ggccacggct	52020
ccgggcgctc	actgatgctc	aggagaggga	cccgcgctcc	gccggcgctc	ccagccatcg	52080
ccgccagggg	gcgagcgcca	gccgcgcggg	gctcgctggg	agatgtagta	cccgaccgc	52140
cgctcgccc	gtcctccttc	agccggcgcc	cgggggcccc	ctctctccca	gctctcagt	52200
tctcatctcc	ctatctgctc	atcctctggt	cgcacataat	cgatgttttg	gcgtcccaag	52260
ccagatgtgg	accccatthc	cgcactctac	actggagggt	ttctaagggt	ggtgcccggg	52320
ccagcagctt	cagcctcatc	tgggaaactg	agaaaatgca	gattctccgt	cccacccagc	52380
ctattcggtt	tttctctgac	taaaaccatg	aagggtggggc	ccagcagctc	acattctcgc	52440
aagcccgtca	agtgattctg	aggcgccctc	cagtttgaga	gctatgctca	cggcctcacc	52500
tccgccccgc	aaggagcccc	gtcttgccctg	tggcgctagc	cgcacacgga	cacctcatcc	52560
tgccggggccc	gcccccccgc	tgccacctca	ccgcccacag	cctcctccgg	gatgcagcgg	52620
aggcgccctg	aagtccgcaa	ggtcaacatc	cccctcagca	tcttccctac	cctcacggct	52680
cctcctccag	gggtgcctca	tgccagggg	ttagaaagag	ccactgtgtt	tcttgacatg	52740
gaagtggcct	aagaccttaa	tgaaaactgc	aggagtggaa	tgacagaacc	tttggtcata	52800
cttgagggcg	tgaagctcaa	atgaggagga	aggaaaggat	ccagggagaa	taaccaaccc	52860
tggaagttg	tgccgcccag	gtagaggggc	gagcctaggg	tagcgtttct	cgaccagggc	52920
cgggtgttgc	cctcctcgcc	gccccgcgta	catttgggga	ggctctggaga	cattttttggt	52980
tgcatgatg	cgggagttgc	tactgttgcc	taagtgggta	gacacgaggg	tgctcctcaa	53040
catcctacct	gaaggacagg	actgccccac	aagggaagaat	gatccggccc	caaataagaa	53100
accctgggct	ggtcagcaac	aacccttttg	ttctgagaag	agaggaggaa	agaataaaaag	53160
aagtgggggtg	aagttttggt	ttggtagagg	aaacttgaa	acattttcac	tggaaaggaa	53220
gagaggaaga	ggagggagat	gtctgtaagg	acgagcaaac	cgggtgacag	ctgatttcct	53280
catattgaag	taatgagtcc	tagttataat	aaattcctaa	taaaaaccca	gtttatccct	53340
gcaataaaact	tgtctttttt	ttttaaatat	actgcttgat	tctgtttgct	aatattttat	53400
ttacaggctt	tgcattgata	tgcaaaaatg	agatgggcaa	taattttctt	tttgaatgtc	53460

taatgttggt	tggtttcaga	atcaatgtta	tgctcacatc	ataaaaaatt	tggaaccgag	53520
gcaggaggag	tgcttgaggc	cagaagtctg	agaccagtct	aggaaacaca	gtgagacccc	53580
cccatctcta	caaaaaaaaa	aaaagaaaaa	aaaatgggca	tggttgcttt	ttccttttac	53640
tctgaacaat	ttaaggagca	ttaaaattat	ctattctttg	aggtttgatc	atttcccagt	53700
taaaaatgtt	cctcccagcc	tgatgctttc	tttggggagg	gtaaatcttt	taaggctaga	53760
aaagtttctt	ctgtggcaat	tttattattt	acatttttaa	aattattcta	gagttaattt	53820
tgataaagca	tgtattttct	aaaacaaatt	atcctttttt	tccagatgtt	caagtgtatt	53880
tgcataaagt	tgaggaaagt	agtcttttgt	gaatctttta	acttctccca	aatatcttat	53940
tttgtgtatt	tttgcttctt	tattttgtta	acttttataa	gtgtattttt	ttttcaaaga	54000
atcagctctt	aggtttatgt	ttttgggtat	actggagctt	ttttcttctt	ctttttaaaa	54060
tattttttct	cctttatttt	ttagacgtat	tttgatctaa	cgtaatcgga	agaaggtaaa	54120
ttagaatctt	ttgttactat	tgtgttttta	tttctcctta	tttctctgaa	gtcctgcttt	54180
ataaatagta	ccatgttatt	tgtgcataaa	tattcatttg	tcttatattc	ttgggaattt	54240
tcccacttca	tcataaaaatg	accttccttg	tctcatttaa	tgtgttcaaa	ctttgccttg	54300
aattttaactt	tgtctgatat	tttaccatcc	tgctgaattt	tgtttgttac	cccaaacaac	54360
ctttgctgtt	ttcgtctttt	ctgaaccctt	tatttttaggt	aatcccttga	attagagcac	54420
taagttttgc	tttgtgatta	aatctgaaaa	tctttatctt	gccatagatg	agttgagccc	54480
tattcatgtg	acagctatat	tatgctgttt	catagccctt	ttggctcctt	tttactctt	54540
gcattgcata	ttttgtgttt	attgtgtttt	gtgtttcttc	tgataaattg	gaaggtttgt	54600
attttttattc	agggtgttgc	cttataatca	tactccgcaa	tacacatcgt	cctcagtttc	54660
ttcagactgt	ctgttaactc	cctattctga	ataaaaaatga	cattgtaatt	ttcctctttt	54720
ttcttttacc	cttttcttct	cctcacctaa	tgtaaattgat	tttatccttc	tttagtattt	54780
gcttttttaa	ttaactacat	ttataaatat	ctttatcact	tgatttttaa	atcagctttg	54840
aatgagatat	ttggattcct	agataataaa	gatgttaatt	ataccatttc	cacgttagta	54900
ggtttataaa	atcatacatt	ctgctgtgta	accataatcc	cacgtttgtt	ttagttccac	54960
tcctacagtt	aaaagattca	gaagtattat	taacagttat	tttgccatag	ttttttcccc	55020
aaccctattt	gtggtaagtt	atgatcctgc	tttagtttct	taagaataat	ttatagagca	55080
gagtgtggtg	gctcacgttt	gtaatcccag	cactttggga	gacaagaggt	agaaggatcg	55140
cttgaagcca	gcagttcaag	accaccctga	gcaacatagt	gagaccttgt	ctctacaaaa	55200
aatttttaaaa	tttagccaga	cgtagtggcg	tgtgcctata	gtcccagcta	ctcaggaggc	55260
tgaggcaaga	ggattgctag	agcccagaag	tttgaggctg	cagtgaacctc	tgattgtgcc	55320
actgcacccc	agtctgggca	agaaagtgag	aacctatctc	tttaaaataa	caataataac	55380
ttatgaaaat	tatattccct	gagtttttca	tgtttaaaaa	tatttgttgc	ctttatcctg	55440
taaaagtttg	agtataaaat	cttgggttat	actttattta	ttgaagaatg	tataagtatt	55500
gtcttctaga	attgagtgtt	gctgtaatga	aaccagaagt	cagcctgggt	tatttttctt	55560
cagaaatgag	gtaattgccg	gccggacacc	gtggctcatg	cctgtaatcc	caacactttg	55620
ggaggccgag	acaggtggat	cacgaggtca	ggagattgag	accatcctgg	ctaacatggt	55680
gaaaccccgg	ctctactaaa	agtacaaaaa	gttagctggg	catggtgggtg	gacgcctgta	55740
atcccagcta	cccgggaggc	tgaggcagga	gaatggcggtg	aacctgggag	gaggagcttg	55800
cagagagctg	agatcgcgcc	actgcactcc	agcctgggcg	acagagtgag	actccgtctc	55860
aaaaaaaaca	aaaaaaaaca	aagaagtgaa	gtaattgccca	tgatgctcca	agaattatct	55920
ctttgtctat	gaaatccaga	aatctcactg	ttatacattt	tggaattatt	attctgggcc	55980
aatatttctt	gggacacaat	agattgactc	tatagattta	attttttttt	tttttttgag	56040
acagagtctc	actgcaatct	cagcttactg	caacctctgc	ctcacgggtt	caagcaattc	56100
tcctgcctca	gcctcccaag	tagctgggac	tacaggcgcg	tggcaccatg	cctggctaatt	56160
ttttgtcttt	ttagtagaga	cagggtttca	ccatgttgge	caggctgggtc	ttgaacgcct	56220
aacctcaagt	gatccacctg	cctcagcctc	ccaaagtgct	gggattacag	gcgtgagcca	56280
ccatgcccag	cctcaattcc	tctttctatc	tggttaatttt	tctgaagtgtg	aaaacatttg	56340
ttctaatacg	ttatttcagt	gttcttctaa	gatgtgtaaa	gcaccctatt	cccagggtcag	56400
cccccatctt	gctagtgage	tcggctgggtt	cttcacaaga	gctctgggtt	tctcctgctt	56460
aatctcaagt	acctctgtca	gcctccacct	ggtttatgat	ttggagtttt	ttgggtttttg	56520
ttttttgttt	ttgacagagt	cttactctgt	caccagggtt	ggagagcagt	ggcataatct	56580
cagctcactg	caacctctgt	ctcccagggtt	tgagcgatct	tcctgcctca	gcctactgag	56640
tagctgggat	tacaggcgcg	tgccaccaca	cccggctaatt	ttttgtattt	ttagtagaga	56700
tggggtttca	ccatgttgge	cagggtgggtc	ttgaactcct	gacctcaggt	aatccacctg	56760
cctcagcctc	ccaaagtgct	gagattacag	gcgtgagcca	ccgcgcctgg	catgggtttg	56820
agttttaatc	tgtagtttta	ataaagatag	tgcttatggt	tgtgtttctt	atatttcttg	56880
gtactcttgg	gtaatttgta	agatcccat	atctacacaa	gaagtccatt	ttcaattctt	56940
ttcttcagac	tgtttatttt	attttatttt	attttatttt	tatgtttgag	atggagtctc	57000
gctgtgtcac	ttctggaggc	tggagtgcag	tggcgcgatc	tcaggctcact	gcaacctccg	57060
tctcccggtt	tcaagcaatt	ctcctgcctc	agcctcccga	gtagctggga	ttacaggcac	57120
ctgccacttt	ttaatttttt	tagagacaga	gtctcgcttt	gttgaccagg	ctggagtgcg	57180
gtggtgcaat	catggctgac	tataacctcc	aaatcctggg	ctcaagtgat	cctcctgcct	57240
cagcctcctg	agtagctggg	actacaggca	catgccacca	tgcccagtta	atttttaattt	57300
ttttgtagag	acagggtctc	catatgttgc	ccaggctggc	ctcctactcc	tggcctcaag	57360

taatcctcct	acctcagcct	cccaaattac	taggattata	agcatgagcc	accatgceca	57420
gccttggtct	actacttta	tttcatatgt	taggtgacca	tgtaattgat	catccaaacc	57480
aggatactgt	aagaatgaaa	gaggctgaca	gtagtatgat	gctgggacta	gcattgtgca	57540
ctgagattat	ttctgggaaa	gcaggagata	cggtcaccct	acttatagtg	tgcttgtctt	57600
tggattgttg	aatttggagt	ttctatttgc	aggcttattt	caactgggca	gccttgatcc	57660
gcctgceca	gcaatgctac	cggtctctcc	accgggtctc	tgggacccct	tcagtacta	57720
tacttagctc	agttccccac	cctccactc	cctaaaagcg	taaccaggaa	tcctgcctca	57780
ggtctactgc	cggtctccgt	gggctgttcc	agttcctatt	accagagtc	aaactcccag	57840
cattccctac	ctgattccag	acttggagtc	cagagcttta	acctcttcag	gccaactccc	57900
cactttgcat	ttctgtccct	atatcttagt	ccatggagat	acatttcatg	tccttgagtc	57960
tacttacaaa	gtaaattttg	ctgtttttta	atTTTTTTT	tgagatggag	tccttgccctg	58020
tcacccaggc	tgtggtgcaa	tgacgccatc	tcggtcact	gcaacctccg	cctcctgggt	58080
tcaagcgatt	catctgcctc	agcctcccaa	gtagctgtga	ttacagacag	gcaccaccac	58140
gcccagctaa	ttttttttat	cttttagtag	agacagggtt	tcaccatggt	ggccaggctg	58200
gtcttgaatt	cctgacctcg	tgatctgccc	atctcgccct	cccaaagtgc	tgagattaca	58260
ggcgtgagcc	actgtgccc	gccaattttg	ctttttttat	atctcattgc	tatatgttta	58320
gaggataagt	ttacagtgtc	atatgcattc	ccaaatatta	gaccaaataa	atctccaaaa	58380
aattagaaa	aaaatccaaa	aaatctcaaa	aaataccaaa	aagcaacaat	ctcacagacc	58440
atactcactg	acccccaata	aaataaaatt	agaaattaac	cacaacttaa	caaaaataaag	58500
tactcaagtc	agagaggaaa	gaggaaataa	acatcaaaat	tacaaagtct	aggcgggtggc	58560
tcacgcctgt	aatcccagca	ctttgggagg	ccaaggcggg	cagatcacaa	ggtcaggaat	58620
tcgagaccag	cctggccaat	atggtgaaac	cccggttcca	ctaaaaatac	aaaaattagc	58680
caggcatagt	gatgtgtgcc	tgtaatccag	ccacttggga	ggctgaggca	ggagaatcac	58740
tgaacccagg	gagacgaaga	ttgcagttag	ccaaaatcgt	gccactgcac	ttcggcctgg	58800
gtgacaaagc	gagactccat	ctcaaaaaaa	aaaaaattac	aaactcttta	gatagaaatt	58860
ttggtgtttt	tttttgagac	ggagtctcac	tctgtcgcag	aggctggagt	gcagtgggac	58920
tatgtcagct	caccgcaacc	tccatctcct	ggattcaagc	aattctcctg	tctcagcctc	58980
ccaagtagct	aggattacag	gcgcccacca	ccagaccag	ctagttttta	tatttttagt	59040
agagatggtg	tttcaccatg	ttggccaggc	tggtctcaaa	ctcctgacct	caagtgatcc	59100
acctgcttca	gcctcccaaa	gtgctcagat	tacaggcgtg	agccaccgca	ccccacctag	59160
atagaaattt	caacatgagg	ccgggcacaa	tggtctacgc	ctgtaatctc	agcacttcag	59220
gaggctgagg	cgtgggagga	tcacttgggc	ccaggagtcc	aggaccagca	tgggtgacag	59280
agacagaccc	tgtctctatt	tatttgaaaa	aaaaaataaa	aaagagagag	agaaagaaat	59340
ttcaacatga	aaagtatctc	tcaaacctct	cgagatgttg	gcaaaaagcg	actcaaagga	59400
aaatgtatta	ctgtgtgtga	atlttgcttga	aaataagaaa	gaggccgggt	gtggtggcta	59460
acacctgtaa	tcccaacact	ctgggagtc	gaatcaagt	gatcatgagg	tcaggagatc	59520
gagaccatcc	tggctaacat	ggtgaaaccc	tgtctctact	aaaaatacaa	aaaattagct	59580
aggcgcgggtg	gctcatgcct	gtaatcccag	cactttggga	ggctgaggca	ggtggatcac	59640
ctgaggtcag	gggtttgaga	ccagcctggc	ctacatggtg	aaacctcgtc	tcttctacaa	59700
atacaaaaaat	tagctgggag	tggtgggtggg	tgctgtaat	cccagctact	cagaggctga	59760
ggcaggagaa	tcgcttgaac	ccgggaggcg	gaggttgccg	tgagccgaga	tcgcaccact	59820
acactccagc	ctgggcaaca	gcctgggtga	cacagtgaga	ctccatctca	aaaaatacaa	59880
aaaattagct	gggtgtgggtg	gcctgcgcct	gtagtcccag	ctaccgggga	ggctgaggca	59940
ggagaatgga	gtgaacctgg	gaggaggagc	ttgcagttag	ccgagatccc	accactgcac	60000
tccagcctgg	gcgacagagc	aagactcttg	tctcaaaaaa	aagaaaaaaa	aaggaaaaaa	60060
gaacctgat	aataaagaaa	ccaatgttc	aaactctcaa	gctcggacac	tttaaagaaa	60120
taattaataa	aggcagaagt	taaaggagg	atgataaagc	aatttttttt	gttgggtttt	60180
ttgagatgga	gtcttgcctc	gtcaccagc	ctggagtga	gtgatgcgat	cttggctcac	60240
tgcaacctct	gcctcccggg	ttcaagcaat	tctcctgctc	cagcctcctg	agtagctggt	60300
actacaggtg	cgcgccacct	ggcccagcta	atlttttgtat	ttttattaga	gacgggggtt	60360
caccatattt	gttaggctgg	tctcaaaactc	ctgatctcag	gtaatctgcc	cacctcggcc	60420
tctcaaagt	ctgggattac	aggcaggcgc	caccgcgcct	ggcctaagc	aaaatatagg	60480
ttctgtgcaa	aaggtaata	aaaagagcaa	acgtttacaa	actggagcca	gcacccattc	60540
agctcagtg	gtctggagaa	aaaacaatct	cgttccagaa	ttcatgatta	cgcagccctt	60600
tttgcttctc	aaaaatccta	ctatgttget	gttgaccatt	ctctctcttt	ctctctctct	60660
tgttttctct	ccagaaaagc	tattcagaca	ttctcctctt	tcctcaaacc	tccaacactt	60720
cctcctccat	ccttagcctc	agctgctgac	ctcacttcta	atcattgaga	aaccaggaga	60780
agcatttaag	agtgaacctc	cgcctccccg	cacgggcaaa	accacccacc	cacagaattg	60840
tgccccaatt	ctgcgtcctc	tcctctcacc	atggatggac	ggtccaggct	ccgagccaaa	60900
gccaggcctc	ccctggagct	ctggatccac	cacctgcagc	ttctcaggca	gggccccagc	60960
agctcccttg	ctcccttgta	ccatcaatcc	ctccctcac	tgggtcactc	ccaacaatat	61020
atatatttag	tgatgtttct	cccatgtggt	aaaatcactt	agcctctctc	ctccccagc	61080
tactatccta	tttgtttctt	tccattctct	gcaaaacttc	tcaaagcatt	gtgtctatgt	61140
gctgactcca	tttatctctc	cccgctctct	gctgagtcct	tcccacagac	tctcacccca	61200
gttactccat	gaaatgacct	ctgcactgcc	acatccaatg	gtgaatgttc	agttcttaat	61260

tttattcagt	ctttcagcag	catttgacct	ggccgatcac	tccctcttct	taaaaatact	61320
tttctcagcc	aggcgtgatg	gctcacacct	gtaatcccaa	cactttggga	ggccaaggcg	61380
ggaggatcat	gagagcccag	gagttcaaga	tcagcctggg	caacatggca	agaccctatc	61440
tctacaaaaa	ctaaaaagta	gccagtgtga	tggcatgcac	ctgtagtccc	atctacttag	61500
gaggctgagg	cagtaggatg	acttgagcct	gggaaatcaa	ggctgcagtg	agccatgatt	61560
gcaccactgc	actccagcct	gagtgcacgc	gagaccctgt	ctcaaaaaga	caaaatagga	61620
aacttttctc	agcatattcc	tctgattctc	ctgctgcttc	tgtctgcaca	gattcagtct	61680
cctttgcccg	ttcttcctca	tcctcctgat	ctcttgacct	tgaagtgcc	cagagtacag	61740
tctttttttt	tttttttgag	acgcagtctc	gtctgtcacc	caagctggag	tgcaatggcg	61800
aggtctcagc	tcattgcaacc	tctgcctcct	gggttcaagc	gattctcctg	cctcagcctc	61860
ccaagtagcc	aggactacag	gcacatgcca	ccatgcccag	caaattgttg	tatttttagt	61920
agagacaggg	ttttactata	ttggccacgc	tggctctcaa	ctcctgaact	cgtgaaccac	61980
ccgcctcggc	ctcccaaagt	gctgagatta	caggcatgag	ccaccacacc	cggcccagag	62040
tacagtcttt	agacggcctc	tctacctata	cttgctcccc	tcataaactc	ctcctgcctc	62100
atggctttaa	ataccatcgg	tagactgatg	actcccatat	ttctcttttt	tttttgagga	62160
cggagtctcg	ctcagtcccc	caggctggag	tgcagtggcg	cgatctcggc	tcactgcaag	62220
ctccacctgc	caagttcaca	ccattctcct	acctcagcct	ctccagtagc	tgggactaca	62280
ggcacccgcc	accacgcctg	gctaattttt	ttgtattttt	agtagagatg	gggtttcacc	62340
atgttagcca	ggatgggtctc	gatctcctga	cctcgtgatc	cgcccatctc	ggcctcccaa	62400
agtgtcggga	ttataggtgt	gagccaccgt	gcccagccga	tgactcccat	atttctatct	62460
cttgctgtgt	gggagttctc	ctcagaactc	catactcata	aattccaactc	tcataaatag	62520
tatctcaaat	gggcaatatg	ctcaaaaagtc	aattcctact	tttctcccta	aacttgcttt	62580
cctgcagtct	ccaccatctt	aatgtccaat	ctaacattag	gaggcaaaaa	ctttgaagtc	62640
attcttgact	cttctctatt	acacacccta	tccaatcttt	ctgcagatcc	agtcgacccc	62700
caaatccagt	tagctctcat	catctcccct	gttaccctct	gggtccaggcc	atcttccctc	62760
ctcacctgaa	tcactgcagc	attctcctca	ctgggtctct	tgggtctgtt	ttcactccac	62820
cttagcatag	tctccacaga	gcagtcagag	ggatcctttt	aaagtgtaat	tcccatcctg	62880
tccctgctct	gctcaaaaacc	ctgtcgtgat	tcccgtttta	atctgtcaga	ttaaaagcca	62940
gagtctttcc	agtgcctac	atgatctgcc	tattatcacc	tcccacttct	ttccccttgc	63000
tcactccact	ccagctctgc	agctgtcctt	tctgtttcct	gaacagccca	gattttgctt	63060
ctttagaacc	tttgtatttg	ctgtcccctc	tgtctggaat	gtttttccag	gaagtcacct	63120
ggctctctcc	tgcacttctc	tcctgaccac	catgtttaaa	aatcactcaa	acacacttca	63180
ggccggacat	ggtggctcac	gcctgtaatc	ccagcacttt	gggaggccaa	ggtgggtgga	63240
tcacctgagg	tcaggagttc	gagaccagcc	tggccaacat	ggtgaaactt	cgtctctact	63300
acaaatacaa	atagtagcca	ggtgtagtgg	cacacacctg	taatctcagc	tactcaggag	63360
gctgaggcag	gagaatcgct	tgaaccacga	aggcagagga	ggtgcagtga	gccaagatca	63420
cgccacaaca	ccccagcctg	ggtgacagag	caagacccca	tctcaaaaaa	aaaaaaagaa	63480
aaaaaaatca	cacaaacaca	cttctcttca	tattcctttt	ccaagtttta	tttttctcca	63540
gaatacttta	cattgtttta	atggaagttc	tccgtttccc	cccaactaga	atggatactt	63600
cctgcaggta	ggcactctag	tcctcccctc	caagtactaa	ccaggctcaa	ccctgcttag	63660
cttctgagag	caggggagat	caggcctggt	caggggtgga	tggcccagga	attttgattc	63720
tgttttattc	attgctgttc	tgttgattct	cttttggttc	tcctcctagt	gctgagaaca	63780
ctacttgtac	ataataagca	ttcaataaat	atttggtgaa	tgaatgactt	gttgaatgaa	63840
ttaatctcag	aaatgcagga	ctgggtctac	attagaaaat	ttttcaagggt	cattctctgt	63900
tgtcgtacaa	cattaagaga	ggaaaatttt	gtactctaaa	tcatttgata	aaatacatac	63960
tgatttctgt	tttcaaaaac	tcttagtggc	tgggcgaggt	ggctcacatc	tataatccca	64020
gcattttggg	aggacgaggt	gggcggatca	cttgaggtca	ggagtgtgag	accagcctgg	64080
ccatcatggg	gaaaccctat	ctctactgaa	aatagaaaaa	ttagccgggt	gtgggtggcg	64140
atgcctgtag	tcccagctac	ctgggagggt	gaggcaggag	aatggccttga	accggggagg	64200
cggaggttgc	agtgcagcaa	gatcatgcca	ttgcactcca	gcctgggttaa	cagagtgaga	64260
ctccatctca	aaagaaaact	cttagtgagt	ttaggaatcc	aagggaagacc	ctcaaactaa	64320
atagataatc	tagctaccag	aagccttcag	taaaccttaa	cactccatgg	tgaaacatta	64380
gaaacattcc	tactaaaaga	caggctaaga	atgcctgcaa	tcttcacggc	tagtccaaga	64440
agtcaaaaag	aagaaatgag	cgctgattta	aaaaaataaa	caaacaaaaa	actaccgatg	64500
cagaggctgg	cagcaaggac	tgaaggactg	tacagtactt	gcctggagca	ggcggatggc	64560
cacaccctcg	cgaagcctgc	tcagctggct	gggggacgct	ccagtgtgtg	agtggcagga	64620
tgcagggtac	ttcctctgcc	agggagtgtc	actggggaga	tcctccccc	ctcacacttt	64680
ggcagctggg	gctttggaat	gtgacttagc	ttctgtcaaa	gggtcaatcc	accctttgat	64740
atatgatgca	aaggcgaaca	tatgatgcaa	aggtgagaga	acagcccaaa	ttaggacttt	64800
taccacagct	gtggaggtgg	acagcgacag	tgggtgggcc	tggccagact	tttcatgctc	64860
aaagggtggtg	gttggttcttc	ctacttcttg	tccctccagg	gcttcccttg	cctgtgtgct	64920
gaacctgctt	cttttaattt	tttttaactt	ttttaaattt	ttaattgttt	taattaaaac	64980
aaattttgaa	aactgtctga	acctgctttt	gaacctgctt	atgatttgaa	tgtttgtccc	65040
ctgccaaaact	gattttgaaa	cttaatctcc	aaagtggcaa	tattgagatg	gggctttaag	65100
cagtgcactgg	atcatgagag	ctctgacctc	atgagtggat	taatggatta	atgagttgtc	65160

atgggagtg	catcagtg	tttataag	gaagaatta	gacctgag	agcatgg	65220
ccccttcac	atttgata	ttacactg	taggggct	gcagagag	cccacca	65280
agaaggct	caccagata	agctcctc	ccttgtact	ctcagcct	gtaactg	65340
gaaataaat	ccttttctt	atgaattac	cagtttcag	tattctgt	taaacaat	65400
aaaacgaac	aaggcaaact	ctcatgatt	tactgccat	ccattccaa	aaactccct	65460
tatgcttaag	agagccagag	ttggccagg	gtgggtgac	acgcctgta	ttccagcact	65520
ttgggaggcc	gaggcagg	gatcacaag	tcaggagat	gagaccatc	tggctaacac	65580
ggtgaaaccc	cgtctctact	aaaaataca	aaaaattag	tgggcgtgg	agtgggtgc	65640
tgtagtccca	gctactcgg	aggctgaag	aggaggaga	tggcgtggac	ccaggaggcg	65700
gagcttgca	tgagtcgag	tcgtgccact	gcactccag	ctgggtgaca	gaatgagact	65760
ccgtctcaaa	aaaaaagaga	gccagagtt	atttctgtg	cttgcaacca	agaaatctgg	65820
ctgggtgcact	gaagtttcca	taaataatag	caattttaa	actctttcca	agccaggcaa	65880
tgcctagcct	tgtgtagtcc	ttgtggtaat	acattcattc	attcatttgt	tcaaccaact	65940
gtgctccaga	gactaagaat	acaaaaatgg	gggcccgggt	tgggtggctca	cacctataat	66000
cctagcactt	tgggaggccg	aggcaggtag	atcacctgag	gtcaggagtt	cgagaccaac	66060
ctggccaaaa	tggtgaaacc	cctactctac	taaaaataca	aaaaattag	tgggggtgg	66120
ggcggacacc	tgtaatccca	gctactcgtg	agactgagge	aggagaatca	cttgaacccg	66180
ggaggcagag	gttgcagtga	gccgagatcg	caccactgca	ctccagcctg	ggcaacaaga	66240
gcgaaactcc	acctcgaaaa	aaaaaaaaaa	aaaaaaagag	ggccggggct	gggcgcagtg	66300
gctcacgcct	gtaatcccag	cactctggga	ggccaaggca	ggagaattac	gaggtcagca	66360
gatcgagacc	agcctgacca	acatggtgaa	accccatctc	tactaaaaat	acaaaaatta	66420
tccgggctg	gtggcgcaca	cctctagtc	cagctacttg	ggaggctgag	gcaggagaat	66480
cgcttgaacc	cgggaggcag	aggttgcagt	gagccgaaat	catgccactg	cactccagcc	66540
tgggtgacag	agtgagactc	cgtctcaaaa	aaaaaataaa	aaaaaaaaaa	gaattcaaaa	66600
attgtagagt	tatagtgtgc	ttctagttta	gttgagagga	catctgtcct	tcaaggaagg	66660
ctagaatcta	taccctgagt	ccttactgaa	atcaatccag	cagtcaaaac	atgggaccaa	66720
cgatcacagc	agtaagatag	gaagagcacc	tttgtacatt	tagctcatgt	tgagataagc	66780
cactgacaga	gctgaaggaa	gctcacagtt	ctgggttcca	tcctttggca	tttaaaaaga	66840
aaagtgctaa	gaaaattcgg	ttggtcacgg	tggctcacgc	ctgtaatccc	aacactttga	66900
gaggccaagg	caggcagatc	acgaggtcag	gagttcgaaa	ccagcctggc	caacatgggtg	66960
aaaccccgtc	tctactaaaa	acagaaaaat	tagccgggca	tgggtggcgca	tgcctataat	67020
cccagctact	caggaggctg	aggcaggaga	attgcttgaa	cccgggagg	ggagggtgca	67080
gcgagtgaga	gcaggccact	gcactccagc	ctgggagaca	gagcaagact	ctgtctcaaa	67140
aaaaaaaaag	aaaaaaagaa	agaaaggaaa	aaaagaaaga	aaaaaaaaaa	aaaaagaaaa	67200
ttcaggccag	gccaggcctg	gtggctcaca	cctgtaatcc	caacactttg	ggaggctgaa	67260
gcgagacggt	gccttagccc	aggagtttga	gaccagcctg	agcaacatag	cgagaccctg	67320
tctctataaa	aaaaaatttt	tttttggcca	gacgcagtgg	ctcacgcctg	taatcccagc	67380
actttgggag	gccgaggcag	gtggatcacg	aggtcaggag	atggagacca	tcctggctaa	67440
cacggtgaaa	ccccatctct	actaaaaaat	acaaaaaatt	aaccgggctg	ggtggcgggc	67500
gcctgtagtc	ccagctactc	gggaggctga	ggcaggagaa	tggcgtgaac	ccgggaggcg	67560
gagcttgca	tgagccgaga	ttgcgccact	gcactccaga	ctgggagaga	gtgagactcc	67620
gtctcaaaaa	aaaaaaaaaa	aaaaaaaaat	taattgtcag	gtgtgctggc	atgcagctgt	67680
agtcctagct	actcgggagg	ctgaggtaag	aagatcgctt	gagcccagga	gttcaaggct	67740
gcagtaatag	tgcctctcac	tctaccctgg	gtgacaatga	gaccctctct	caaaaagaaa	67800
gaaaaaagg	aaagaagaaa	agaaagaaag	aaagagaaga	aaggaaggaa	gaaagaaaga	67860
aaaagaaaag	gaaggaagga	agaagaaaaa	aaaagaaaga	aagaaaagag	agagaagttc	67920
aaagaccaaa	gggtcaggat	cccaaaatag	tttttatgtt	ttatttattt	atttacttat	67980
ttatttttga	gacagtatgg	ctctgtcgcc	caggctggag	tgcagtgatg	cgattgcggc	68040
tactgcagc	ctccaaactg	ggctcagggt	gccctcccac	ctcagcctcc	cgagtagctg	68100
ggaccacagg	cgctgcccac	catgcccagc	taatttttta	attctttgta	gagatgaggt	68160
ctctatatgc	tgcccaggct	ggtctcgagc	tcctgggctt	aagccatcca	cccgcctggg	68220
cctcccaaag	tgctgggatt	acagaagtga	gccaccgcgc	ctaactcggg	ggtttgtttg	68280
tttattgacg	gggtctcgct	gctgcccagg	ctggagtgcc	agtggctggt	cacagggtgca	68340
gtcctggagc	attgcatcag	ctcttgggct	ctagcgatcc	tcagagtag	ctgcagctgg	68400
gattccaggc	gcgccaccgc	gcggggctca	gaatggggtt	ttatatagag	ggttatgctg	68460
ccacctagag	gatatatgta	gtaccgaact	gtgtgcgcag	ggaggctgag	gttgcaagtga	68520
gccaagatga	tgccagggca	ctccagcgtg	ggtgacagag	caagatttca	tctcaaaaaa	68580
aaaaaaaaaa	aaaaaaaaaa	aagaattgaa	agtaagggtc	tgaagagata	tttgtgcctg	68640
tatgggtcata	gcagtattaa	ctttgaccca	ctagctaaaa	cacaaaagca	acatgtgtct	68700
gtcagcagg	gaacggataa	acaaaatgtg	gtatatatgt	acaattgaat	attattcagc	68760
ctttaaaaag	gaataaaaag	ctggatgcgg	gggctcacgc	ctgtaatcct	aacactttgg	68820
gagactgagg	tgggtggatc	acccgagggt	aggagtgtga	gaacagcctg	gccaacatgg	68880
tgaacttca	tctctactaa	aaataactaaa	attagccggg	catggtggca	cttgtctgta	68940
atccaagcta	ctggggaggc	taaggcagga	gaattgcttg	aactcaggag	ccggagggtg	69000
cagtgcagcta	agatggcacc	actgcactcc	agcctgggca	acagagtgcg	actccatctc	69060

aaaacaaaca	aacaaaaaat	tattatttcc	aaagaaacaa	gaccctgggt	ccatttccca	69120
gcccacacct	gatgttgact	cacaacacac	agcctgggtt	gctatgagcc	tgcttcattt	69180
aattgtcacc	ttaacttcac	atcacccctca	agtcctggaa	taactctttg	ctgacctttg	69240
tgtgctgagc	catctccatg	tcgctcaacg	tgcagtccct	ctcactgcac	tgagtcaata	69300
gccagacgtg	gtctgactgc	agggtcaccc	ttgggtggctt	aggctgactc	gggcatagca	69360
gggtgctctg	agacctcacc	gcatataggc	tttgccccc	ataaactcta	tataatattc	69420
atattatgtg	gtctgggtgt	gtgtagcttt	gcactgtctt	ctcgtgacag	tgccctcaac	69480
ctctttccca	ggatttcctc	ctctacctcc	tcaagtccca	ctgctctgca	aagacccaaa	69540
gctgcagagt	cccagctccc	tcctttacac	cccacgacgc	agcctcctct	ctcagaaccc	69600
tttaaacaga	gtcttttact	gcagatccca	agaacagcca	cacccctctc	tcccacccac	69660
tccagacaca	cccaggtaat	tatagcacc	agggtaacta	tgtagatgga	gtccctggaa	69720
catgtggata	gtgccccctg	ggagtatgca	aaagcaacat	tgctggcacc	tgagagaaac	69780
aggggtgacat	ccaggaatca	gagcatgggc	ctctgggagg	tagggatgtg	gccaggcagg	69840
ctgccaaaaa	ttggtagagc	aaggccacag	gatctttctg	accttccttc	caaacagagg	69900
ctcctgtact	gggtgatccct	gtgttgattg	accactccct	tcctgggggt	cgtggctctc	69960
gtcccagttg	cccggacttc	tgtgagtgtc	ctactgaggt	ccttttcatg	agaagcatgc	70020
tgtccttcca	cctgctggga	gcaagagtga	caacttcaat	actataatag	cagtggcata	70080
cagagaagaa	gaaagatgaa	gtggcaagaa	aaacaggcct	ccaagcagga	gtttttctat	70140
aaaaacaaaa	acgtttacaa	gcaaactttt	tataaagggc	tagatagtaa	atattttagg	70200
ctttgagagc	cacatagact	tgtttgagg	gactcaatgt	cgctattgta	gtttgaaagc	70260
agccatcagg	gttatgtaaa	tgagtgagtc	tgattttgtt	tcagcaaaat	tttattttacc	70320
aaaacagaca	atgagtgggc	tggatttggc	ccatgatcct	tagtttgcca	actcctgctt	70380
tgggctcacc	cagatctgat	tttgaattct	ggctctgcta	ctgggttagct	gcaggagctt	70440
ggaaggctct	ctgagcctgt	ttcctcatct	gtaaaattaa	agcaataatt	tctaactctc	70500
aagagtgtta	cctcacgcct	gtaatcccag	cactttggag	gctgaggcag	gcggatcacc	70560
tgaggtcaga	agttcaagac	cagcgtggcc	aacgtggcaa	aaccctgtct	ctactaaaaa	70620
atacaaaaag	tagccgggca	tgggtggcgcg	catctgtaat	cccagctact	tgggaggctg	70680
aggcagggat	actgctagaa	cctgggaggt	ggagcgtgca	gtgagtggag	atcacacctc	70740
cacactccag	cctggccgac	agagcgagac	tccatctcaa	aaaaaaaaaa	aaaaagagtg	70800
ttagaagggt	ttgagataat	gaataaaaaga	tgccttgtgt	atactaagta	ttcaacaact	70860
gatagctgca	ttgggtcta	tataacagtt	tagaagcgat	tgagtcaaca	aatgctggat	70920
ttgtcaggga	ggacttccta	tcaggaggta	gatcttgggc	tgagtcctga	agcaaagata	70980
ggcattggat	agaggagtgt	agagaacacc	ctaggactgt	tattattatt	attcgacacg	71040
gagtctcttg	ctctgtcacc	caggctggag	tgcagtggcg	cgatctcggc	tcactgcaac	71100
ctctgcctcc	caggttcaag	cgattctcct	gcctcctaag	tagctgagac	tacaggtgtg	71160
tgccaccaca	cccggcta	ttttatat	ttagtagaga	cagagtttca	ccatgttggc	71220
catgctggtc	tcgaactcct	gacttcaggt	gatccacccg	cctcagcctc	ccaaagtgtc	71280
ggaataacag	atgtgagcca	ccgcacccag	cccagaacca	tttttcaatc	ccttggctctg	71340
cctttttatta	gctgcaagat	ctcaggcaat	ttattttaacc	tctccaaaga	ctcatttttct	71400
cattcacaaa	atgaggcaaa	taataatatc	tactatccca	ggttgtcatg	agaattaaat	71460
gcaacatgac	atttaatgaa	atgagaagtc	ccttggacat	taactggcta	aagtatgtgc	71520
tcgacaagga	tatcatttta	ggtggatact	tagcatctca	gaactgatgc	tcacaatgga	71580
atatcattga	aacgcattaa	aattcatttt	aatgatgtgt	aggtagttag	gcaattgaaa	71640
gaagaagaca	agaggactga	ttataatgct	tcaggctcac	tagtctcctt	ttaggaggga	71700
aaaacaattt	caagttaa	tttaggctct	agatttttac	cctgtctgct	cattagaatc	71760
accagatttg	atgaaatcag	agcccatctg	aggctgtgtt	tttcatctcc	agaatgagag	71820
ctgttgtggg	gattaagttt	ttgaaaaagt	acatctaaca	ggtgatcgaa	aatgatagtg	71880
atattattgc	agtgatggtc	attattgttg	ttattattat	actgaaagag	gcttcagttt	71940
tctgatccat	aaagttaggg	aattgcatga	gaccattgct	aagattcctt	ctagctctgt	72000
ttttttgttt	ttgtttttta	gacagagtct	ctgtcgccca	ggctggagtg	caatggcatg	72060
atcttggctc	actgcaacct	ccgcctcccg	ggttcaa	atcctcctgt	ctcagcctcc	72120
gaagtagctg	ggactacagg	cacacaccac	catgcccagc	taacttttat	atttttaata	72180
gaggtggggg	ttcaccatat	tggtcaggct	ggtctcaaac	tcctgacctc	aggtgatcca	72240
cccgcctcgg	cctcccaaca	tgtcgggatt	acaggcatga	gccactgtgc	ccaacccctt	72300
ctagctttct	tgatcactga	ttctagggtt	ctctgctgaa	atataattga	gacatcctgg	72360
ataaaagatc	atgcaagagc	tcccaatatg	gtattaataa	ttgattctgg	aggcttagct	72420
actcctgatg	gattagacat	gactcaactg	cctctcttat	gtgtacaaca	caacaacaca	72480
accaagaaag	gttattcttg	cattccattt	attcagttta	tttacagccc	ttacttccag	72540
cagcacgtta	aagatatggc	cagggccggg	tgcagtggct	caagtctgta	atcccaggac	72600
tttgggaggc	caagggtggc	ggatcacaa	gtcaggagtt	tgagaatctg	gcaattcttc	72660
agacttagaa	gcaaccagct	cgataacaca	gtcttgtgtg	ggctctccct	ctgtccctcc	72720
ctcgcttccc	tcatttctca	tccttgcccc	tgagactgtg	caccttcaca	tagccctgcc	72780
atgagacctt	catctcaggc	tttgctttct	ggggttaactg	aggctaaaca	ctgagtggcc	72840
ctaaaagagg	attgggattt	ggaagttaga	ttattcacca	gagaacagac	tttgctgatg	72900
atcaggccca	ggttgtaatt	gttgaaaaaa	agagaggatg	catagtctta	tctcatctcc	72960

tagtcaaagt	caacacccatg	ataaataaga	gtcaaatacct	gagatgtgaa	ttgggggacat	73020
ttgagtgggt	aaccctgaga	agcttgcacc	ttcagacccc	tcaatacccc	tgctccccag	73080
agaaggctgg	acattgacct	cagcacaggc	aggagccctg	caagatgcca	tttgtcctac	73140
taaagatgga	cccctccact	ctgtttctag	gtaaataacc	aaagtcaagt	ctccacacag	73200
cctgagcaag	aaagtccagag	cctgctacag	gagaaaatac	cacactggcc	aaaggattca	73260
ctagccctgg	ccactgtgtg	tgggaggaac	cagggaaatca	tgtgtgggag	tcaatgttga	73320
agctgttgga	ctgggggtgg	ggtggaatat	aagcctggcc	ctggggaggt	tttcccgttt	73380
gagggccctt	accacacaact	caagatccag	tgctatagca	ggagatccca	gagctagtcc	73440
taacagatgg	tcaggattga	acttggccta	gagtaaaatg	aggaggatag	tgccagaact	73500
ttctcaacat	actattgagg	aagagggtcag	aaggcttaag	gaggtagtgt	aactggaaag	73560
gggtcctgat	ccagacccca	ggagagggtt	cttggacctt	gcataagaaa	gagttcgaga	73620
cgagtccacc	cagtaaagtg	aaagcaattt	tattaaagaa	gaaacagaaa	aatggctact	73680
ccatagagca	gcgacatggg	ctgcttaact	gagtgttctt	atgattatct	cttgattcta	73740
tgctaaacaa	agggtggatt	atttgtgagg	tttccaggaa	aggggacagg	atttcccaga	73800
actgatggat	ccccccactt	ttagaccata	tagagtaact	tcctgacgtt	gccatggcgt	73860
ttgtaaactg	tcattggccct	ggagggaatg	tcttttagca	tggttaatgt	ttataatgtg	73920
tataatgagc	agtgaggacg	gccagaggtc	gctttcatca	ccatcttggt	tttggtgggt	73980
tttggccggc	ttcttttatca	catectgttt	tatgagcagg	gtcttttatga	cctataactt	74040
ctcctgccga	cctcctatct	cctcctgtga	ctaagaatgc	agcctagcag	gtctcagcct	74100
cattttacca	tggagtgcgt	ctgattccaa	tgctctgac	agcaggaatg	ttggaattga	74160
attactatgc	aagacctgag	aagccattgg	aggacacagc	cttcattagg	acactggcat	74220
ctgtgacagg	ctgggtgggtg	gtaattgtct	gttggccagt	gtggactgtg	ggagatgcta	74280
ctactgtaag	atatgacaag	gtttctcttc	aaacaggctg	atccgcttct	tattctctaa	74340
ttccaagtac	cacccccccg	ctttctcttc	cttttccctc	tttctgattt	tactacatgc	74400
ccaggcatgc	tacggcccca	gctcacattc	ctttccttat	ttaaaaatgg	actggggctg	74460
ggcgcggtgg	ctcatgcctg	taatcccagc	actttgggag	gccgaggcgg	gcggatcatg	74520
agggtcaggag	atcgagacca	tcctggctaa	cacggtgaaa	ccccgtctct	actaaaaatg	74580
caaaaacatt	agccaggcgt	ggttgcaggt	gcctgcagtc	ccagcggctc	aggaggctga	74640
ggcaggagaa	tggcgtgaac	ctgggaggtg	gaggttgcaa	tgagccgaga	ttgtgccact	74700
gcactccagc	ctgggtgaca	gagcgagact	ccgtctcaaa	aaaaaaaaaa	aaaaaaaaaa	74760
tagctgggca	tgggtggcgg	tgctgtaat	accagctact	ctggaggctg	aggcaagaga	74820
atcgcttgaa	cccagtaggc	ggaagtgtga	gtgagccgag	atcttgacac	tgactccag	74880
cctggtgaca	gagtgcagct	ctgtctcaaa	aaaaaaaaaa	agaaaaaaa	agacagaaag	74940
aaagagcaca	gacagagtea	caggtatttg	cagtaggaag	ctgtcaggtt	agagtgcacg	75000
gaaatagaaa	gtatatattt	cacttacagc	acatcttcgt	ttgattagcc	acatttaaaa	75060
tactgaatag	caacgtgtgg	ctatttagta	ttcactaaaa	tcttggacag	tgcaagtcta	75120
aagaatcctt	gatccgtccg	gcatgggtgg	tcacgccttt	aatcccagca	ctttgggagg	75180
ccaaggtgga	aggatcactt	aaggtcagga	gttcgagacc	agcctggcca	acatggtgaa	75240
acctcgtctc	tactaataat	acaaaaaaa	ttagccgggc	atggtggtgc	atgcctgtaa	75300
tcccaggtag	ttgggaggct	gaggcaggag	aatagcttga	atccaggagg	cgctgcagtg	75360
agccgagatc	atgccatgcc	actactgcac	tccagcctgg	gcaacagagt	gagactgtct	75420
caaaaaaaaa	aaaaaaattg	ttgggcgtgg	tggtcacgc	ctgtaatccc	agcactttgg	75480
gaggttgagg	ggggtggatc	acctgggttc	tggagttcga	gaccagcctg	gccaacatgg	75540
tgaaacccca	tctctactaa	aaatacaaaa	attagctggg	cgtggtgggt	ggcacctgaa	75600
atctcagcta	ctcaggaggc	tgaggcagga	gaatttcttg	aaccaggagg	gcagagggtt	75660
cagtgcagca	agatcgcgcc	tctgcactcc	atcctgggtg	gcagagcaag	actatgtctc	75720
aaaaaaaaaa	aaaaaaatac	ttgattgtct	ggacattctg	cagaacatca	tatggagaca	75780
ctatgttgac	gacatcatgc	tgattgttaag	caagaaatgg	caagtgttcc	agaaacacag	75840
tcaagacaca	tacatgccag	aaggtgagat	ataaactcta	ctaagattca	gtggcctgcc	75900
acactgggtga	cattttttaa	cctgctagat	gtttgtgtag	aaaaggattt	aaccttgccc	75960
aaagaggggt	ctggcctttg	tcccagcta	ctggacataa	tctcttttaa	ctcttgaaat	76020
atcattcctg	atagaagtat	ttttgttttg	actaggggcc	ttggggccagc	cagatagcaa	76080
caatgtgatc	tgggttgggg	gctttggatc	aggtggcatc	agtgtgacct	cctgagtggc	76140
tagagactag	aatcaaccac	atgggcagac	aaccagcctt	acatgatgga	attccaataa	76200
agactttgga	cacaagggtc	tgggttaagct	ttcctgggtg	gcaatgctct	atactgggaa	76260
accatttctg	actccatagg	gagaggacaa	ctggatatct	tcatttggta	cctccctggg	76320
ctttgcccta	tgcatttttc	ccttgtctga	ttattattat	tattatgaga	tggaatctcg	76380
ctctgtcacc	caggctggag	tgcagtggaa	tgatctcaac	tcactgcaac	ctctgcctcc	76440
ccggttcaag	cgatttttct	gtctcggcct	cccgagtage	tgggactaca	gatgcatacc	76500
accacaccgg	gctaattttt	ttgtattttt	agtagagacg	gggtttcacg	ttagccagga	76560
tgggtctcgat	ctcctgacct	catgttccgc	ctgcctcggc	ctctcaaagt	gctaggaata	76620
catgtgtgag	ccaccgcgcc	cagccccctt	ggctgattat	taaagtgtat	ccttgagctg	76680
tagtaaatta	taaccgtgaa	tataacagct	tttagtgagt	tttgtgagca	cttctagcaa	76740
attatcaaac	ctaaggatag	ccttggggac	ccctgaactt	gcagttgggt	tcagaaataa	76800
gggtgctcat	gtgtgtacca	tgccctctaa	ttttgtagtt	aattaacttt	cacaacttta	76860

ttattaccgc	ttacactcaa	tgttttattca	cattttatcca	cataccactt	attctagtgc	76920
cttgcaccaa	agacttttcta	tctcatgtac	tttatttctgc	ttgaagtaaa	tccttttagga	76980
tattcttttt	tttttttaaaa	ctttgcacat	acatactttt	atttttttatt	tattttttaat	77040
tttggttattt	ttgtgggtac	gtagtagata	tatgtattta	tggagtacat	gagatgtttt	77100
gatacaggca	tgcaatgtga	aataagcaca	tcatggagaa	tggggtatcc	atcctctcaa	77160
gcaatttatc	cttcaagtta	caaacaatcc	aattacactc	tttaagttat	tttaaaatgt	77220
acattttaatt	ttgtattgac	tagagtcact	ctgttggtgct	atcaaataata	atttttttttt	77280
tttttgagac	agagtctcac	tcagtggccc	agactgaaag	tgcagtggca	caagctcggc	77340
tcactttcaat	ctctgcctcc	ctgggttcaag	cgaatctcct	gcctcagcct	cccacatagc	77400
tgggattaca	ggcacacacc	accatgcccc	gctaattttt	atattttttt	agtagagacg	77460
ggtttttcgcc	atggttgcca	ggctgggtctt	gaactcctgg	cctcaaataga	tctgaccacc	77520
tcagcctccc	aaagtgttag	gattacaggc	atgagccacc	acacctggcc	aaaatagaat	77580
attcttttagt	gaggtctgct	ggtgacaatt	tttttctttt	ttttgagact	gagtcctcgt	77640
gttggtcagct	tgggctggag	tgcaatagca	cgatctcagc	tcactgcaac	ctccacctcc	77700
cggattccag	caatttctcct	gcctcagcct	cccaagtagc	tgagagatta	caggcaccca	77760
ccaccacacg	cggctaattt	ttgtattttt	agtagaaatg	gggggttcacc	gtgttggtgca	77820
ggctgggtctc	gaactcctga	cctcagggtga	tccaccacc	ttggcctccc	aaagtgtctg	77880
gattacaagc	atgagccacc	acgcacagcc	aatttttttcc	gtttttgtct	gaaatcttat	77940
tttgtgtcat	ctttgaaata	tattttttgat	ggatataaaa	ttgttggttg	atagttatta	78000
tcattattat	tattattttg	agacagggtc	tcactctgtt	gcctatgctg	gggtgtagta	78060
atgtgatctc	ggttcactgc	agacttgacc	tcctagggtc	caggtgatct	tcccacctca	78120
gcctccctag	tagctgggac	tacagatgca	tgccaccata	cccaactaat	ttttctattt	78180
tttgtagaga	tgaggctttg	ccacatttcc	caggtctgtc	tctaactcct	gagctctagc	78240
aatccaccca	ccttggcctt	acaaagtgtc	gggcatccac	tagccagcag	ttacttttta	78300
tagcatattg	aatattttaat	atgaatcttc	tggcatccac	tgtaactgtt	taaaaaatca	78360
getgtttact	tggcactcct	tttttttttt	ttttttttga	gacagagtct	tgcctgtctg	78420
cccaggctgg	agtgcagtg	cgtgatcttg	gctcactgca	agctctgcct	cccgggttca	78480
cgcattcttc	ctgcctcagc	ctccggagta	gctgggacta	aaggcgcccg	ccaccacgcc	78540
cggctgattt	ttttgtattt	ttcgtagagt	tgggggtttca	ccgtgttagc	caggatgggtc	78600
tcgatctcct	gacctcgtga	tctgtccgcc	tccggcctccc	aaagtgtctg	gattataggc	78660
gtgagccacc	gcgcaccagc	tctttttttt	tttttttttag	acggagtctt	actctgtcat	78720
ctaggctggg	gtacagtggc	gtgatctcag	ctcagtgcaa	cctccacctc	ctgcctcagc	78780
ctgccaataa	gctgggatta	caggtgctga	ccatcacgcc	cggctaattt	ttgtattttc	78840
agtagagatg	gggttttcacc	atgttagaca	ggctgggtctc	gaactcctgg	cctcaagtga	78900
tctgcctgcc	ccagcctccc	aaagattaca	ggcatgagcc	accgcacccg	gccaagtagc	78960
actcctttga	aggtaatctg	cttcccctac	ccttagcaat	ttttaacaat	ttttcttcat	79020
ttttattttcc	tgaagttttg	ttattaataa	tctgtgtgca	gatttctttg	tatttctttt	79080
gtttgcagtt	catagtgttt	cttgaattag	tgtgttggtt	tctgttatca	ccacaggaaa	79140
attgtcagcc	gttagctttt	caaataattt	cttgctaaat	tctctcttct	cccctttcgg	79200
tacaattgat	ttgattaaaa	ctaaaaccag	ggccgggtgc	agtgactcat	gcctgtaatc	79260
ccaacacttt	gagaggctga	ggcagggtga	tcacctaaag	tcaggagttc	aagaccagcc	79320
tggccaatat	ggtgaaaccc	cgtctctact	aaaaatacaa	aaattaccag	gcatggtggc	79380
acacatttgt	agtccaggag	ctgaggcagg	agaattgctt	gaatccagga	ggtggagggtt	79440
gcagtgtgct	gagatcccac	cactgcagtc	tggcctgggc	gacagagtga	gatgagaatc	79500
tgtctcgaag	aaaaaagtta	tgaatgtttg	ataaactata	tttggttagaa	tgtttgttgt	79560
agaatactat	tcattgattt	ttaaacaatg	ttagattaaa	ccattcactg	gatttgtgat	79620
aattaactta	ctgatttttac	ctcactgatt	tggttgtaatt	aatacaactg	gtataaaaag	79680
actgtgacga	ggccgggcat	ggtggctccc	gcctataatc	ccagcacttt	gggagggtga	79740
ggcaggcgga	tcacctgagg	tcaggagtcc	aagaccagcc	tgaccaacat	ggtgaaaccc	79800
catctttact	aaaaatacaa	aattagccgg	tcgtgggtgg	gcatgcctgt	aatcccagct	79860
cttcggggagg	ctgtggcagg	agaatcactt	gaaccgggga	ggtggagggtt	gcagtgtgac	79920
gatatcgccg	cattgcactc	cagcctgggc	aacaagagcg	aaactccgtc	taaaaaaaaa	79980
aaagaaaaaa	aacacataaa	acaaaacaac	actgtgacgg	ttcccaaaaa	ttaggagcat	80040
aattaaagga	actcctgata	aaaattaatt	ttatcttaca	tgtaaaactaa	aatgacttta	80100
tgaagttaat	tcagaaatac	aatgcagggt	attagtttgc	cacagctgcg	tattcagcct	80160
aatgtaatat	tcttggttatt	tttaaatctt	tcttttaact	ttactcatat	gtggatcatc	80220
aaattttcaaa	agattaaatg	acaatactct	tagcagcaag	cttccctaag	catataaaca	80280
ttttaatggg	tgatgattca	gaaggtagcc	gaagaatatg	tactgccaga	tatcattcac	80340
ccccatatac	ctgcccgcga	gacatcccat	tttgggaccc	tggataaatg	tgtgggtgga	80400
gagaaagata	ggagaaagtg	gtataagcaa	atggcttttg	agtctgattg	acagcgattg	80460
aaatcctgtc	tctacctctt	aacagcctca	tgatcctaca	taagttaccc	cgatcctcag	80520
ggccacatct	gtaaattggg	ggttgccgatg	gcagccatct	cacagggtct	cttttcgggg	80580
aagggcagga	attatggatt	aagtgtgcta	gtaattgtaa	agcacttaat	acaaggaggg	80640
cgcataataa	gtacttcata	aataatgacg	gccattatca	tgactgaggt	gtatgcagct	80700
gtcgggggatt	acggcgactt	cagaattttct	ggtgggcagg	gctcaaaggc	agcaaatcac	80760

actggaagtc gaggtgaggc actgcttctg cacagactgc ttagctggag agaagtgagga 80820
 aggettagag gagatttaga ggaacttaga gtcctccgcc tccaactctg tgggatctgc 80880
 tcccgtgcca gagacattca ggggatttct cgcactctcc cctcccctac gtccctcccg 80940
 ccccatccaa ctaaccacac aacacatata aaatagcccc tgcgaggttc tgcacgctgg 81000
 aagggaacag gagaagggcg ctgcgcttct ttgctgatgc cctgtacttg ggccctggt 81060
 agacacagcc acttggtcccc tcagcctgca gagaaatccc acgtagaccg cgcccggtc 81120
 cttggcttca gccaatctcc ctttggtggg ggtgggatgc acgatccaag gttttattgg 81180
 ctacagacag cggggtgtgg tccgccaaga acacagattg gctcccaggg gcatctcgga 81240
 tccctggtgg ggcgcgcgtc agcctcccg gtcaggcccg gccgaggcca ggaggaagcg 81300
 gccagaccgc gtccattcgg cgccagctca ctccggacgt ccggagcctc tgcacgcgt 81360
 gcttccgtcc agtgcgctg gacgcgctgt ccttaactgg agaaaggctt caccttgaaa 81420
 tccaggcttc atccctagtt agcgtgtgac cttgagcagt tgactttatt tttcagtgc 81480
 tagttttcca gataccagga ctgactccaa ggactattac tcatctggag ggttttagcac 81540
 agtaccgtcg catagtaaat ttccatgtca gtttttggtta cctttcatgc acttgcaaac 81600
 atgccatgct ctgaaacgaa ataggcacat cttttttttt ttttttttta aggagtcttc 81660
 ctctcgccca ggctggagtg cagtggcgcg atcttggttc actgcaacct ccacctcccg 81720
 tgttcgagat tctcctgcct cagcctcctg attagctggg actacaggca tggccacgacg 81780
 cccagttaat ttttgatttt ttagtagaga cggggtttcg ccatcttggtc caggctgggtc 81840
 taactcctga cctcaggtga tctgactgcc tcagcctctc aaagtgttg gattacagge 81900
 ataagccact gcatctggcc agaaatgaaa taagtaaatc ttttaacctg ctctaacaat 81960
 atagtgaata gaccatatta ttattagagc aggttaaggg atttgccctat ttcgggttct 82020
 agttatagtc ttaaacttgg acattcttgt agaaagttaa aagtttcctc ttcaaagtcc 82080
 ccttcttctg taaagaatac atcataagtg ttagaagtaa tagtttattt taaagactaa 82140
 ctttcttcaa gcctccttgc tttgtgctaa taactctttg ttaagcccta tcctatgtaa 82200
 ctgttgagca tgcacacagg cacgttccag ttcacagcct atgccccttc cttatttgga 82260
 aatgttattg cttccttaaa ccttctcggt agcaacttcc tctccttctt cgttcttctc 82320
 tgcacttacc tatttagaaa gtttttaggt attagcaaat cggctatcag ttttaagagt 82380
 tgaggtcccg ctccagccaa tggatgcagg acatagcagt gaggacgacc caaatgcgta 82440
 agggataaat atgtttgctt ttcctttggt cagggtgtgt ctcgacatcg ttccatctgc 82500
 gattgagcac ctttctgca gaaagttaaag attgccttgc tggagatctt ttgtctcgt 82560
 gctgactttt cttcgtggca ccgattatct atttctaaac atttttggtat ttctaacatt 82620
 ctgaacaate ttgggctagt tgtctcttct gggcctgttt ccccatccgt cacatgataa 82680
 acttcatttg tttaaaaacc ccagcgaaca tttattgagt tactattacc ttcctgccct 82740
 ccccaacccc aaccccaggg agcagttaca acctcagccg ctgagcgcac tcgcccgggtg 82800
 ttaagaagca ccaaagacag ggaggcttga ttgattttgc tttgggagta gagggtcaga 82860
 agattcacag gaaaatggca tttgagcaag gatgattcac tggagctagc ttttaaatac 82920
 tggcgaggct tttatgttgc agtcccttac aaagttagac attcgcaggg actgcactcc 82980
 gaaataagcc cgcttccctt tttcattcgc taatgatcca gggagctgct ggttccgcat 83040
 gcggcagggt gtgccttttc ctaatcaggg ttctgcacg cctcgaaccc gcaggccgtg 83100
 gcgggttctc ctgaggaagc agggactggg gtgcagggtg aagctgctcg tgccggccag 83160
 cgctgtgag caaaactcaa acggaggagc aggggggtc gagctggagc gtggcagggt 83220
 tgacctgcc ttttagaagg gcacaatttg aagggtaccc aggggcccga agccggggac 83280
 ctaaggccc cccggttcca gctgctggga gggctcccgc cccaggaggt tagttttgca 83340
 gagactgggt ctgcagcgt ccaccggggg ccggcgacag acgccacaaa acagctgcag 83400
 gaacggtggc tcgctccagg caccagggc ccgggaaaga ggcgcgggtg gcacgcgcgg 83460
 gtcacgtggg cgatgcgggc gtgcgcccct gcacccgcgg gagggggatg gggaaaaggg 83520
 gcggggccgg cgcttgacct cccgtgaagc cttagcgcgg gatcccgagg catcccagg 83580
 gggcggttg ttgataatat ggcggttga gctgcctggg cagctagtgca gcggccctc 83640
 gccactccc ggaagaaggg tcccttttct cgctagtgca cgcgcaccag tggaccggga 83700
 agtccgggccc ggttgctgaa tgaggggagc cgggccctcc ccgcgcaccg ccccccgcac 83760
 cctccgtccc gaccggggcc ccgcatgtc cttcttccgg cggaaaggta gctgaggggg 83820
 cgccggcggg gagtcaggcc gggcctcagg ggcggcggtg gggcagggtg gcctgcgagg 83880
 gctttcccca aggcggcagc aaggccttca ggcagcctcg acctcggcgc agatgcccc 83940
 tgagtgcctt gctctgctcc gggactcttc tgggagggag aaggtggcct tcttgccgca 84000
 ggtcagagga gtattgtcgc gctggttcag aagcgattgc taaagcccat agaagtccct 84060
 gcctgtttgg ttaagaacag ttcttaggtg ggggttagtt tttttgtgtt tctttgagga 84120
 ccgtggatca agatcaagga aatctcttta gaaccttatt atggaagtct gaagtttcca 84180
 aatgttgagg gttttatgtc taaaagcaac acgtgaaaaa attgttttct tcacctagt 84240
 ctgtcttcca atttccctct tggggggagg ggtagttact gctgttacta aaataaaaatt 84300
 acttattgct aaagtteccc aacagggaaga ccactacttt tgatgacttt ggcaagtgtg 84360
 ctaactactg gaaccctaac ttacaaacga actacttaca tttttgattt ccagttgtat 84420
 tacctgcccc atgtttacgt agaaacagct taattttgat tctgggtaac gttgttgcac 84480
 ttcattaaaa atacatatcc gaagtgaagc agtatgggtc tgtggacagc agtgattttt 84540
 cctgtcaatt cctgttgctt cagataaaat gtaccagaca gaggccgggc gcggtggctc 84600
 acgctgtaa tcccagcact ttgggagggt tggcgggtgg atcacctgag atcgggagtt 84660

caagaccagc	ctgaccaaca	tggagaaacc	ccgtgtctac	taaaaataca	aaattagcca	84720
gggtgggtggc	gcatgcctgt	aatgccagct	acttgggagg	ctgaagcagg	agaatcgctt	84780
gaacctggga	ggcggagggt	gcggtgagcc	gagatagcac	cattgcactc	cagcctgggc	84840
aaaaagagcg	aaactccgtc	tcaaaaaaaa	agtaccagac	agaaatgggt	tttgttttct	84900
ttttttgttt	tgagacggag	tttcgctctt	gttgcccagg	ctcgagtgca	atggcgcgat	84960
ctcagtcctg	gctcactgca	acctctgtct	cccagggtta	atcgattctc	ctgcctcagc	85020
ctcccaagta	gctgggatta	cccatgcccc	accatgcccc	gctaattttt	gtatttttag	85080
tagaaacggg	gcttcacccat	gttaggctgg	tcttgaacce	ctgacctcaa	gtgggcctcc	85140
cacctcggcc	tcccaaagtg	ccaggattac	aggcatgagc	caccgcggcc	agccagaaat	85200
gggttttgga	aaaagcacta	aacaaaatcg	aacttggttt	catatgacag	ctctgctgct	85260
aactgtaaca	ggggcagacc	agttaacctt	cttttctgtc	ttctgtcagc	tgagaattag	85320
atgattccca	aaggcccatt	gaactctgaa	tgacttttaa	tacttcttct	taagtgggta	85380
cacggttttg	gtaactgatg	ccagggtgat	aatgcatgaa	agtgcctaat	gaatgaaacc	85440
ggtaaaaatag	taggaggaag	ctttattggg	aaggcagggg	tatacctaata	agctctctaa	85500
tttattggta	ttgaagtggg	taacttttgt	tttttttaagg	ggggaaaaca	ttctaagaat	85560
aatgaggcaa	actgcatatt	gcacaagaga	ctgttgctct	tattcaacaa	ataccttttg	85620
agtgtccaga	gtctgccagg	tgctgtgcta	ggccctcacg	attgagtagt	gaaccagaga	85680
atgtccctgc	acccatggag	cttattgtct	actggggtag	acagataata	aataagcaaa	85740
caaactctct	ctcttctccc	tttcgctcca	tgtaagtgtg	tgtgtatagg	tgtatactta	85800
caagttagtg	aaagtgttat	gaaagattaa	gaggagaaat	gcattttggg	tagatgttag	85860
aggactcagc	agggtgacct	gaaacttaga	gctgaaggat	cagtaggagg	taactagaga	85920
ggccagggaa	tcgcatgttc	aaaggccagg	aggcaagaaa	gagcatgggt	cccttcaaga	85980
gaggaaagaa	ggctactgtg	actggagcat	agatgtagge	aagtgttggg	tgattgagag	86040
ctctacgggc	catgggttagg	ttttattcct	aatgccgaga	tgccaaacat	ggtgggttcat	86100
atctgtaatc	ccagtatttt	aggaggccga	ggcaggaata	tagcttgaac	ccaggagttc	86160
aagaccagcc	tgagcaacat	gagacctgta	caaaacattt	aaaaaattgc	tgggtatgat	86220
ggtgcacacc	tgtgggtccca	gctactcagg	aggctgagge	agaaggatca	cttgagccta	86280
ggaggtggag	gctacaatga	gccatatttg	agtcactaca	ctccagcctg	gatgacaaag	86340
tgagaccatg	tgtcaaacaa	aatacagaaa	gaatattaat	ttaaaatttt	gaaagaggag	86400
tgatctgaac	ttatatctta	aaaagatcat	tctagggcat	ggtggctcat	gcctgtaatc	86460
aagggtcttg	ggaggctgag	acaggaggat	cacctgagge	cagttcgaga	tcaacctgta	86520
cagcatagag	agactccatc	tctacaaaaa	gaaaaaataa	atagctgggt	gttgtgagtt	86580
attcaggagg	ctgaagcaga	aagatcactt	gagcccagga	gtttgaggct	gcagtaagct	86640
atgatcccac	cactgcaaca	cagtgaagtc	ttgtctcaaa	aaaaaaaaaa	aatcattcta	86700
ggtgcttttt	ggaggctgga	tgtggtaaga	gtagaagctg	gagatgggtc	tggttagggat	86760
tcgattcaga	ctttaaatac	catcaatgca	ttgagtccca	aattttacatc	actacgtttg	86820
atccttgccc	ctgaatccag	actggatat	ccaactttag	gttcagtttg	tatctctacc	86880
tgaccaatat	agagggtgtcc	agtcttttgg	cttccctagg	ccacattgga	agaagaattg	86940
tcttgagcca	cacatagagt	acactaacgc	taacaatagc	agatgagcta	aaaaaaaaatc	87000
gcaaaactta	taatgtttta	agaaagttta	cgaattttgt	ttgggacacat	tcagagccat	87060
cctggggccgc	gggatggaca	agcttaaatcc	agtagatacc	ttcaacttac	aatatctaaa	87120
attttatgcc	agattttagtc	attttaaaacc	tgctcatcag	tttttctcaa	gaagtagtat	87180
tttggtcttt	tttcttttct	tttttttgag	atggagtttc	gctcttatcg	ttcaagctgg	87240
agtgcagtgg	cggatcttgg	ctcactgcaa	cctccgcctc	ctgggttcaa	gtgattctcc	87300
tgccctcagcc	tcgcaagtag	ctggaattac	aggcatgcgc	caccatgacc	agctaatttt	87360
tggagacagg	gtttcaccat	gttggtcagg	ctgggtttgt	actcctgacc	tcagggtgatc	87420
tgccctgcctc	ggcctcccaa	aggctgggat	tacaggcatg	agccaccgct	cccggctgca	87480
tttttggtatt	tttagttgct	cagcccaaaa	cttttagtaca	tctttgaacc	tcttctttcc	87540
tcctactcta	tatctgatcc	atcagcaaat	ctgttaggtc	tacctcacac	atatcgaaat	87600
cctaccacgt	ctcaccatct	gtgacaatta	acaccctggg	ctaggcagtc	atctctgtta	87660
agattgagtg	gttaaggatg	tcctctaagg	agatgacatt	caaactcttag	cttaaatgtc	87720
aagagggagc	tggttttata	aagattgagg	aggcagcatt	attttgccat	aggcttccat	87780
ttgggtttcca	ttccattctt	gatacttatg	gtatatattc	aaaacaaatg	cacagaaaca	87840
gaccagggta	tattgggaat	ttcggtatata	gagttcctag	ttgggaaaag	atagactgat	87900
ctgtaaatga	tgctagtatt	ccatcatctg	gcaaaaaata	atttcctgcc	tcctctcata	87960
tatctcagat	caacagactt	tttctgttaa	gggccaaatc	ataaatattt	taggctttcc	88020
agaccatatg	gtttctgtca	cactctcctt	tatccttgaa	gccatagaca	atatgtaaac	88080
aaatgggcat	ggctgtgcta	cgataaaaact	ttacttacaa	aaactggtag	tgggccagtt	88140
taggcatggc	cagcactttg	ggaggctaag	gcagatggat	cacttggggg	caggagtttg	88200
agaccagcct	ggccaacatg	gtgaaaccct	gtctctacta	aaaatacaaa	aaatagctgg	88260
gcatgggtgg	gggtgtctat	aattccagct	actctggagg	ctaagacaca	agaatcactt	88320
gaaccagga	ggcagagggt	gcagtgaagt	gagatagcac	cactgcactc	cagccagggg	88380
gacggagtct	taaagcaaaa	caaaacaaaa	ggtagtgggt	tgtattttggc	ccatgggctg	88440
tagtttgcca	atccctgatg	cagaaacaaa	ttccaggtaa	ataagagcct	ggaatgttaa	88500
aaaaacaaaa	cttgaagtca	tgtagaagaa	caggtagggg	gaacaatcct	gatctcagga	88560

taggaaggga	tattgcttaa	aataagacac	aggaaaatat	aatccatggt	gtgtaaattt	88620
gactacgtta	aaacttaaaa	ctttcgccaa	gcgcggtggc	tcacgcctgt	aataccagta	88680
ctttgggagg	ccgaggtgag	cagatcacca	ggtcaggaga	ttgagaccat	cctggctaac	88740
acggtgaaac	cccgtctcta	ctaaaaatac	aaaacattag	ccgggctggg	tggcgggagc	88800
ctgtagtccc	agctacttgg	gaggctgagg	caggagaatg	gcctgaaccc	gggaggcgaa	88860
gcttgcagtg	agctgagatc	gcgccactgc	actccagcct	gggcgacaga	gtgagattcc	88920
gtctcaaaaa	aacaaaacaa	aacaaagcaa	aaaacctaaa	actttcatac	aataaagtat	88980
acctaagata	cttctagaag	agaagattta	catccaggac	gtgtatggaa	tttctgcaag	89040
taataagtaa	aagacaaggg	acatgaagag	gcagttcaca	aaagaggaag	ccaaaatgac	89100
caataaacat	gaaaggatgt	ttaacctcaa	aggaaacaag	gaaatgaatt	aaaaacatca	89160
aatgccattt	caaaactagt	aagttggcaa	aattaaaaat	accaaggatg	agaatatgaa	89220
gcattggctat	atgagtgcac	ggaatggtac	agtcactttc	attaaaaaatg	cacataattt	89280
gtttttttatt	tattttttttg	agacagtcta	tgtcgcccag	gctagaatgc	agtggcatga	89340
tctcggctca	ccacaatctc	tgcctcctgg	gttcaagcaa	ttctcctgcc	tcagcctcct	89400
gagtagctgg	gattacaggc	acatgccaca	acgcccgggt	aagttttgta	tttttagtag	89460
agacagggtt	ttgccatggt	ggccaggctg	gtctcgaact	cctgacctca	ggtgagctgc	89520
ttcccaaagt	gctgggatta	gaggcgtgag	ccaatgctcc	tggctgaaaa	aatgacacat	89580
aatttggttac	ctagcaattc	catgtctaga	ggcttatcct	agagaaattc	ttgcttatat	89640
gcattaggaag	acgtgtacta	gaatgttcac	tagttgaatg	tttaagtga	aattaggaaa	89700
taaagtaaat	gttcattaac	aggaaaatga	gtaaagggtat	atttataaaa	caattaagta	89760
gctaaaatga	ataaactaga	gctgcgtgaa	tgaactagaa	ctgggttcaat	agtcattgtca	89820
gattattgaa	tgaatacagg	tcagatatgt	atagagtgtc	atttgtgtaa	ttattttttt	89880
ttttttttttt	gagatggagt	ctcactctgt	tgccaggct	ggagtgcagt	ggcgtgatct	89940
cagctcactg	caacctccac	ctcctggggt	aaagtgttc	tcctgcctca	gcctcccag	90000
tagttgggat	tacaggcatg	caccaccatg	cccagctcat	tttcttattt	ttagtggcca	90060
cagggtttca	ccatggtggc	caggctgggt	ttgaactcct	gacctcaagt	gttccacca	90120
acttggcctc	ccaaagtgtc	aggattacag	gcgtgagcca	ccgtgctcag	ccatttgctg	90180
gattttttaa	gatgtgcaga	ataatgccat	taaaaaaaat	acacatacat	gtatatatat	90240
acacgtttgg	ctgggtgtgg	tggctcacac	ctgtaatccc	agcactttgg	gaggctgagg	90300
caggaggatc	acttgagccc	aggtgtacaa	gactagcctg	ggcgagatag	caagacccca	90360
tctcaacaac	agaaaggata	attaggtatg	gtggcatgag	aggatcactt	gagcccagga	90420
gttcgagtgt	tatcaggcca	ctgcactcta	gcctggacaa	caaagcaaga	ccgtgtctca	90480
aaaaaataaa	aataaaaagt	atttgtatgt	ggcatagtc	aaaaaacgta	catggaagga	90540
aaatgtcttt	atttatttat	ttattttttt	ttttttaaga	cagagtcttg	ctctgtcacc	90600
caggctgggg	tacagtgggt	taatctcagc	tcaccgcaat	ctcgccctcc	cgggttcaag	90660
cgattcttct	gcctcagcct	tctaagtagc	tgggactaca	ggtacccgcc	accacaccct	90720
gctaattctt	gtgttttcag	tagagacagg	gtttcaccat	gttggcaagg	ctggtctcga	90780
actcctgacc	ttaagtgagc	caccgccttt	ggcctcccaa	agtcctggga	ttacaggtgt	90840
gagccactgc	gcttggccag	gaaatatcta	atttagtaag	tatttatatc	tgggaaagga	90900
agggtcaggt	ggtgattcat	aggaactcta	aagtctatgt	ataatactta	gggggacaga	90960
aggaaataaa	gcaaaatgct	gatattttgat	tgttgagttg	tgtatatgtt	agaagtataa	91020
cataggagat	ctgattgata	gtaggagaat	gttttttaggt	ggtaaaagtg	gaaccgtggt	91080
ggtttgtttt	ggcagtagaa	tcagttgggt	atagtttgta	tgtggaaggt	aataaacaga	91140
ccatgttaag	gatgacttcc	ggaatttttg	tctgagttagt	gggtggatga	cagtgtcatt	91200
catgagggaa	gatgaagact	gaggtaggaa	caggtttggt	agaagatgac	atgttccctt	91260
ttagacaagt	ggaattatgg	aagatggcag	gtaggtgggt	agctatatga	atttgagata	91320
aaagatttag	gatggagata	taaatttagg	agtaacagcg	tatctatggt	attgtaagcc	91380
ttaagaatgg	gtaggatcag	ccaggaaata	cagatgtata	tgcagaagag	aggagtcaag	91440
gaagccaaga	caagttaatg	tttaaagtga	gtgatgtagt	ccatgggcag	atgctgctga	91500
gagggtctga	aacaccagtg	accctacaac	atttttaaat	gtcgtcttcc	tgacagcagt	91560
gatcagtacc	tgcaacgatc	ttattttatt	ttttcatggt	agtctccaca	cacttgaatg	91620
tagacttttt	gaaggcaaaa	tcattgcctt	ttctgagctg	ggagcatgtc	tggcacatac	91680
caagcactca	acagttgatg	tattgacttc	atccagatac	tctgaggggc	agttattttc	91740
tgtacttagc	ctttcacctt	tcaatgttta	agagcacaaa	tacagagatg	ggcacgtttt	91800
ggcattttct	attttgataa	ccttttctctg	gtaagatttt	ttaatgttga	aaaaaaaaaa	91860
caagaaaaga	gggttaaaaa	tagtcttatg	tcagatcctg	tgatagaatt	cacacttggc	91920
ttaagctgct	gggcaccttc	ctatcttgga	tgtcatatta	gcttatctac	agcagaattt	91980
ttactgtttt	atgtagtaag	gaagcaatta	tatgattatt	ttacagacaa	attattcttt	92040
atctttttatt	tttttagacg	gagtctctct	ttgtctccca	ggctggagta	cagtgtcgcg	92100
atctcggctc	actgcaacct	ccgcctcctg	ggttcaagca	attctctgcc	tcagcctccc	92160
aagtagctgg	gcttacaggt	gtccgccacc	acaccagct	cattgttttg	tatttttagt	92220
agagatgggg	tttcaccatg	ttggccaggc	tggctctgag	ctactgacct	cagggtgatcc	92280
accgccttg	gcaccccaa	gtgctggaat	tacaggcgtg	agccaccgtg	cctggcccag	92340
acaaattatt	atactctgag	tgttagaggc	ttaggatgtt	ttcacttgat	gctatgggag	92400
gaataagtaa	taagatatga	tacacaacca	aagaccttc	ttcactatgc	ttctagtagc	92460

tagtactatg	gatgacacat	ggtaataata	ttggtttagca	tttgtcctca	atcttactgtg	92520
ctagttactc	ttctaagccc	cttacaggta	tatatTTTTT	ttcatcaata	atcctctaag	92580
gtagttttta	ttattgacct	aattttataa	atcaagaaaa	ttaagaccca	gagaagtaag	92640
taacttgtcc	aagatcacat	ggcttataag	tggtagagcc	agaatttgac	cccagatgtt	92700
gtgactacat	tgtctctcca	taagcagggt	caactctttt	gactggatgc	tgttccaagg	92760
tcacttcctt	agagaagcct	ttgctgacaa	ctaccctcct	gtgccctcct	ccaaggctgt	92820
ccattgttct	agaactttga	atactcatct	tagaataaag	ctgggtcta	ttttacagt	92880
ttatagaatg	gatctctgac	tgcaaaaagt	ggtcataa	atctttttat	gttctagtga	92940
aaggcaaaga	acaagagaag	acctcagatg	tgaagtccat	taaaggtaag	ttctgccctt	93000
ggcagtccac	tgcattaaaa	agtgatgtgc	tttgcatttg	tgagttcttt	aatcctgtta	93060
tactctctct	tttggcatta	atcattttctg	ccttattttta	taattactta	tgattttgat	93120
ttattttccct	ctttaacctg	tataatgctt	taacatctag	catataataa	gtaggctttt	93180
tttttttttt	tttttttggg	gacggagtct	tgctctgtta	cccaggctgg	agtgcagtgg	93240
cgcgatcttg	gctcactgca	agctctgtct	cccgggttca	caccattctc	ctgcctcagc	93300
ctccccagca	gctgggacta	caggtgcacg	gcgccacgcc	tggctaattt	tttgtatttt	93360
ttagtagaga	cagagtttca	ccatgttagc	cagtatggtc	tcgatctcct	gacctgtgta	93420
tccgcccgcc	tcggcctccc	aaagtgtctg	gattacaagc	gtgagccacc	gcacccggcc	93480
gtaagtaggc	tttttttacc	ttaattttat	tttttttgaga	tggagtcttg	ctcttatccc	93540
caggctggag	tgcagtgggtg	ccatctcggc	tcactgcagc	atccacctcc	cgggttcaag	93600
cgattctcct	gcctcagcct	cccgagtgc	tgggattaca	ggtggccgcc	accatgcca	93660
gctaattttt	gtatttttag	tagagacagg	gtttcacctg	gttggccagg	ccagtctcaa	93720
actcctgacc	tcaagtgate	cactcgcctt	ggcctcccaa	agtcctggga	ttacaggcgt	93780
gagccaccat	gcctggccat	aagtaggctt	ttactgagcc	ttgtgtgtat	tggctatcct	93840
agtgattaca	gtgaaccagt	gcccttctta	ttaatcacac	atttaattgt	tccttaaaag	93900
tgattagttc	actttattta	tttagtaaga	caaaaaatga	agaatactct	taactgagca	93960
gtctgttaac	tgtaggaaag	cactgacact	tataaggctt	agttttctgt	catttatcca	94020
gaagtatggt	tgattacagt	ttttactttt	ttatttgaat	gaacaacctt	aatttaaaat	94080
atattttgtt	tattttttgt	tgggatcgat	acattgtcct	tgtttataga	ttagagcatg	94140
cttttttaaag	atgctgtatt	actcactgat	tttatttgtc	cagtgtacag	agattgaagt	94200
gggaaaatta	taatggaaat	tgtttccata	gtcattacat	attaatttca	tcaatttatt	94260
tccataaaat	ctgtagattg	ctacttattt	agatttttcc	ttcaaagtgt	tttatgttgt	94320
attgcttgca	ctgagtattt	attctatatg	ctcaatttgc	tggagaagaa	gactaattat	94380
aacttaggca	agttgtaaaa	ttagggaaaa	aagtaaggta	ccttacagcc	tagtttactt	94440
atcttcttatg	taaagccagt	tagattccac	attagttcaa	actgccttct	ttgagcaaaa	94500
cttgattggc	agtgataaag	gcttaaagcc	cttctcaagc	agagacctgt	aaagactaga	94560
tctgactgta	gtagaaggaa	ggaacttaga	tgtttcaggc	agtgagaaca	ccagtcttcc	94620
actctaaact	ttgccactaa	cagtatgacc	ttgggaagtt	gtaaacttct	tcagattcct	94680
catttggtga	atggggggat	tggcctagct	aattttctaaa	tctctactgg	gctaaaaaat	94740
tctgtgctta	tactctgatt	atgaagtaca	taatctgtgc	ttaacattca	ctgacttatc	94800
cttaggataa	tacagaagca	gtacaagaaa	cagcccttca	agatgtttgc	agtctgggta	94860
gaaagacaaa	cttatacaca	gaacagtgc	aaatagacca	aaataataat	agctgccatt	94920
tatagaacac	ttcttctgtt	ctgggcatta	gacaaaaact	gactataacg	gtgaacaaaa	94980
aagacttagg	tcctgccctc	attgaactta	cagattagta	ggggagagga	acattaatca	95040
agtaattcca	cagatggcct	agcctagatt	ggtagtgatg	gaagtaaaga	gatgtgaacg	95100
gacttgaaaa	aaaattcgga	ggcaaaatgg	atagaagttt	attattgatt	aaatatgagg	95160
tgtgagagag	agggatattt	aagattgata	cctaccttct	ggcttgccct	acagaaccaa	95220
aacaggaaat	tatatgttca	gttttggtat	gttgggtggg	aggtgctttt	gagtcattca	95280
tttatatatg	ttatatatgt	tattttatat	gcatagtaat	tttaagggtc	gagttttaaa	95340
ccaaagggtta	gagagtgatt	tttttagagtc	tagcaaacct	aagttgaaat	cctgcctgtt	95400
gaaatggctg	tttactagct	cattaacctta	gggcaaaagta	ttcaacttgt	tttcattttt	95460
gtcttcatct	ctaaaatgag	gaaaatatgg	tcttacaaga	ttgtcctgag	agatagatga	95520
aataatatcc	aaaaaaaaaa	aaggtaacata	gagaaactcg	tatagtgcct	ggtatatagt	95580
aggctcctca	ttggtagcta	tcattatcta	gttttaacat	agccttcagt	ttgttgaatt	95640
agtcaaactg	agtgaagcac	tgcaagggaat	tcagaggaat	ttgagatcaa	caaagtattt	95700
ctgaagttta	gggaagactt	catggcaatg	acacttacct	tgtataaaaag	ttgaagaata	95760
agaaagattt	gaatgagaga	ttctttctct	tctccctacc	agcccagctt	cttatttgag	95820
gatatattgg	gcaaaggggc	cttcagacaa	gtagagggag	atttttacag	aaagattgag	95880
atgaaggat	agaaggctgt	aaagaccaga	aaagagaatt	gagacagagg	aagcaggaag	95940
ccactgtagg	tttttgagca	agatatgtat	gctgtaagta	tgggtgtttat	gaaagggttag	96000
tctggaagag	atttgcagga	tggagacccc	ggaagttttt	ttgttataat	acagaaagac	96060
ttgcactgag	ggtgaggtgt	taaaaataaa	caggtaagta	aatgttttaa	catcttgaag	96120
gaaaagtcaa	caaactcttg	caagtaaaaca	gataacagtg	aaaaagaatg	ggaccaagat	96180
tttgagtttt	ggagactggt	ggattgaaca	gacagggaaa	ttgagaggag	aatcagatga	96240
tgatgtttta	agttgatatt	tagacagatt	gtgcttgaga	tggtaaagtc	aatgtgggtg	96300
ggaatgctta	gtagcgagta	atcagtgata	caagacaaaa	gcccagggtca	aagacaagtc	96360

acagatacag	atcaggggctt	tttcatctgc	tccacagagg	tgtaccctag	gagctgttgc	96420
aaacagtcca	tgtggagggt	gtgagtaaga	tgtttccctt	gaatttgcca	gaattacttt	96480
tttgttgttg	ttgttggttt	ttctgagaca	gattctcgct	ctgttgccca	ggctggaggg	96540
cagtggcgag	atcgcgagc	tcactgcaac	ctctgcctct	cgggttcgag	tgattctcct	96600
gcctcagcct	cccaagtagc	tgggattaca	ggcttgtgcc	accaagccca	gctaatttct	96660
tttgtatttt	tagtagagat	gggttttcac	catgttgccc	agactgggtc	cgaactcctg	96720
gcctcgtgat	ctgcctgcct	cagcctccaa	aagttctggg	attacaggcg	tgaaccactg	96780
cacccggtec	cttggttaagt	ttattttggg	gggaagcaaa	ggagggttca	gcttttataa	96840
agtttgaaaa	ttattgctct	ggtaataatt	aaagatttga	gagtaaatat	gctttctagc	96900
agaaagaata	aaagaagaac	agatagcctc	aagaagggga	gccaaagaag	caggctatat	96960
ctgacacact	gggtgttgat	aatgggttat	taaaagaatg	agagcaatga	gcagatagaa	97020
gaggaaatta	ggagagtata	ataccatgga	gaccaagaaa	gatagactat	caggaaggag	97080
tggtaaaaat	aagttactag	ttctaagaga	gatgttaaga	gggaccgggg	aaagccttgt	97140
acaaatgagt	tagtagcatt	ttacattata	tacatctaata	taagaaacaa	tgcgagagtc	97200
tcaccattcc	tatagactct	tacttgtact	tgtctgaaca	cgaaaactgg	cttttgttta	97260
taaataagct	aaaaattatt	ttgtctcaat	ttctcatgaa	aataaaaaata	aaccttcttt	97320
taacattgaa	aaaatagttt	gaagacagtc	actcttcatt	ttgtaattcc	cacaactatt	97380
attgaatgac	tgaattatc	tttattctga	agccaaaggg	gtgatactga	tatttcttca	97440
gactactaaa	aatatatatt	atgaattttt	agtgtgcttt	atcttttttt	gttttttttt	97500
ttgagatgga	gtttcactcc	cgttgetcag	gctggagggc	agtgggtgca	tctcagctca	97560
ctgcaacctt	cgcctcccag	attcaagcaa	ttctcctgcc	tcgggtctcc	aagtagctgg	97620
gattacaggc	acctgcccc	acaccagct	aattttttgt	attttttagta	gagacagggt	97680
ttcaccatgt	tggtcaggct	ggtcttgaac	tcctgacctc	agggtgatcca	cccaccttgg	97740
cctcccaaag	tactgcgatt	gcaggcatga	gccaccatgc	ctggcctgag	gaatattttt	97800
ctagggtccc	cccaccccaa	gcattttatt	tgcaatttta	gttttgttcc	taaagcaagc	97860
aagggtttaag	gatttataaa	taatccgtat	tttagaatgc	tttctggctt	tggtactttt	97920
tatccacagt	agaagttctc	agagaatgat	ctccctcttt	taatttaact	ttttggcaca	97980
gtattttgag	aattataaat	aatattagaa	tgttttcttg	ctgggtgtgg	tggtctatgc	98040
ctgtaatcct	ggctacttgg	gaggctgagg	caggagaatc	acttgaacat	gggaggcaga	98100
ggttgacagt	agccgaggtc	atgccactgc	actccagcct	gggtgacaga	gcaagactct	98160
gtctgggaaa	aaaaaaaaaa	aaaaaaagag	tgttttcttt	cctattttcc	accacttgat	98220
taagttactt	ttcctcttaa	gtattttttg	ctgagtatgc	tgacttaaga	gtaatgttac	98280
aaaatttaatt	ttttaaaagt	ctctgaaagc	ccctttatga	gagtttttag	ctatcaaatt	98340
gtgttttaatt	cttaacaatt	ttttgaaaaa	ttatagcttc	aatatccgta	cattccccac	98400
aaaaaagcac	taaaaatcat	gccttgctgg	aggctgcagg	accaagtcac	gttgcaatca	98460
atgccatttc	tgccaacatg	gactcctttt	caagtagcag	gacagccaca	cttaagaagc	98520
agccaagcca	catggaggcc	gctcattttg	gtgacctggg	taagtaacta	tcatttttta	98580
ttaacttgta	ttagaaggat	ttgagtacaa	tatgtgaaac	ttctgtcata	ggatacagaa	98640
ctatataaatt	ggaaagtgtc	ttggaaaaaa	tgtattttaa	ataacagcta	caagtataat	98700
gggtagctgt	gttgtgttcc	tgtaaatata	gaatataaag	catgcccagt	agaaaaacaa	98760
gcatttccag	aagaaatata	tctgatcact	aaatataaat	atatgaaaaa	gatgtctcac	98820
tttattactg	agggaagtgc	aaattaaaaa	aatcagttaa	tgttctccta	acacattagc	98880
atatttttta	aagtttgaca	atttgaatgt	cagtgaagat	gcagggaaat	acccctccta	98940
tttagtgata	atataatctg	gtgaagactc	tttggaagc	aatttggaag	tcagtataaa	99000
atatgcatgt	catttaggcc	actctttcta	agacctagcc	ctcagatatg	ctcattcata	99060
tgtgcagggt	tgtatgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtatatgta	tgtatgtatg	99120
tatgtatgta	tgtatgttga	aggctattca	ttatagtatt	gtttgtgata	gcaaaaaatt	99180
atggacaaca	tataaatatc	tgttataggg	aaataaccaa	attgtgggtat	acgcatgctc	99240
tggagtataa	tatagccatt	tgtttctatt	tatttatatt	cttgagacag	ggttttactc	99300
tgttgcccag	gctggagtgc	agtggataga	tcattggttca	ctgcagcctt	cacctcctgg	99360
gcacaagcca	ttctctcgcc	tcagcctcca	gagttactag	gactgcaggc	atgtgtcacc	99420
acaccagat	aattttttta	ttttttgtag	agacagggtc	tcactatgtt	gcctaagctg	99480
gtctcaaact	cctggcctca	agcaattctc	ccacacaggc	ctcccaaagt	gctgggatta	99540
ccaacgtgaa	ccaccacacc	tggttcagtg	tagccattta	gaaatctaaa	aaagacgtgg	99600
gaaaatgtct	aaggcatgtt	taaatgtgag	aaaagcaagt	cacagtatgc	atggtaaaat	99660
ccgttatatt	aaaataagtt	cttccaaaac	aaaaacatat	gcaggagacc	tttatattgt	99720
cagtatttct	tacccaaatt	tctgcactta	gaaaattgca	tgatcatgtt	tcataagttg	99780
aaaaaaagat	ccatgaacca	atggacttct	aataaaatca	gtcctgcttt	tgacatctct	99840
ctctactttt	gtgtatatct	aaaccagagt	gtcaatgtgt	ttgtggggca	cacttagcaa	99900
taatacatag	cagacaaaat	gcataatagct	cagagagtaa	aattgttaagt	tttgctagat	99960
cactcataaa	ttgctgatga	gaatttataa	tggtgcagat	gctctggaaa	acaggcagtt	100020
tctttctttc	tttttttttt	tctttttgag	acagggtctc	actctgttgc	gcaggctgga	100080
gtacagtggc	gtgattacaa	ctcactgcag	cctcaccctc	ctcagggtca	ggtgatcctc	100140
cctcagctct	ctgagtagct	gggactatag	gcattgcacca	ccacgcctgg	ctaatttttg	100200
tatttttttt	tttttttttt	gtagagacgg	ggtttccgca	tgtttcccag	gctgggtctca	100260

aactcctgga	atcaagcgat	ccacttgcgt	aggcctccca	aagtgcctggg	attacggggc	100320
tgagctactg	tgccctggcct	aggcagtttg	tttgtttgtt	tgtttggttg	tttattttatt	100380
tgtagacgga	gtctcacagg	ctggagtgca	gtggcccaat	ttttgggtca	ctgcaacctc	100440
cgccctcccag	gttcaagcta	ttctcctgcc	tcagccctct	gagtagctgg	gatgacaggt	100500
gcctgccata	atgcctggct	gattttttgta	tatttagtag	atatgggggt	tcaccatggt	100560
ggtcaggctg	gttttgaact	cctgacctca	ggtgatcagc	ccgcctcggc	ctcccaaagt	100620
gctgggatta	caggcatgag	ccgtcatccc	tggttggtgg	tttcttatga	cgtgaaacat	100680
gcaattacca	tatgacctag	cagttgcact	ctgtatttat	cccagataaa	tgaaaactta	100740
ccttccaata	aaaacctgtg	cacaaatggt	catagcagct	taatattgaa	aaactggatg	100800
ttcttcagca	ggtgaatgaa	ctggttcatt	cataccatgg	aataccattc	agcaataaaa	100860
aggaacaaac	tggtgataca	tttaaccacc	tggatgaata	tcaagggaat	tatgctgtca	100920
gacaaaaacc	agtccctaaa	gactacatat	agtatgattc	cgtttggtata	atattcttga	100980
aatagagaaa	ttaagagaaa	tgaaaagatt	agtgtttgcc	agatgttaga	gacagggagg	101040
tgagaggggt	aagtgggtgt	agttataaaa	gtgcaacatg	agggatcttt	gtgatgttga	101100
agttgtatct	tggtcagtga	tgcagaaatc	tcaatgtgat	aaaattacaa	agaactaaaa	101160
acaagaatga	gtatagataa	aactggggaa	atctgaacaa	gttagagtg	tgtatcactg	101220
tcagtatctt	agagtgatat	tgtactatag	ccttgcaaga	tggtaccatg	ggagaaacta	101280
aagtgtacaa	gggatctcta	ggtattatta	tttttttaga	gatgggggtt	cactatgttc	101340
cccaggccgg	tcttgaactc	ctgggctcta	gtgatccgcc	tgccccagcc	tcctaaagta	101400
ctggaattac	aggcgtgagc	gaccatgcct	ggccctttca	gtattgtatc	ttagaacttc	101460
atgtgaatct	agcattatct	catagaattt	aattaaaaga	aattgtaaac	ctcacagaag	101520
atcagaattt	cctcaagtgt	gtgatgttga	caaagatgaa	ctagttagaca	ctgacagtaa	101580
gactgaggat	gaagacacga	cgtgcttcaa	aaaaatgatt	tgaatatcaa	tggattaaga	101640
agaactcttt	tgacaaattg	atgaaaccct	cagtcagttt	tataagaatg	cccatcttta	101700
tgatcatgct	atgaaagcca	attttttaaaa	aaattttttg	tctttcctaa	caattagctt	101760
gtggttataa	tttaaattta	gttaaataa	agataaatga	ttttttatta	agtttagttt	101820
cattttttcaa	ggtacgatct	caaagctact	ccttaaccta	ctatgaatga	ataatgctga	101880
gttcataaca	tctttgtaga	tatatccaca	attttccctc	aggataagtg	cctacaagtg	101940
gaattactgg	actgaaaata	atgcagtttg	ctaagacttt	gctatctggt	cctgaatgct	102000
cctccaaaaa	ggttttgcca	gtttacatcc	tcatagaccag	cgaatgagag	tgttgccctat	102060
tttccctgtgc	ccttgttact	gcttaataat	ttttgaaaaa	aatctaattt	gacagacaaa	102120
aatgcatttt	atgttaattt	gcttttctgg	gattttttaat	gaggttgagt	atagttttta	102180
atatttttat	tggccctctt	ggaactagta	tcataagttt	tttttcttaa	gaattttatgt	102240
agtctgggct	gggcgcagtg	gctcacgcct	gcaatcccag	cactttggga	ggccgaggtg	102300
ggtggattgc	cgaagggtcag	gagtttgaga	ccatcctgac	caacatgggtg	aaaccgaatc	102360
tctactaaaa	gtacaaaaac	tagctcagcg	tggtggcggg	tgccctgtaat	cccagctact	102420
taggaggtcg	agtcaagaga	atcgcttgaa	cccgggaggt	ggaggttggt	tgcattgagc	102480
cgagatcgcg	ccattgctct	ccagcctagg	caacaagagt	gaaaagtctc	aaaaaaaaaa	102540
aaaaaaaaaa	aaaaaagaat	ttacatggtc	tgaattgcca	ttaaaagaga	tatgagaatt	102600
attgagtaac	aaataacttt	ttataaattt	aggcaagttt	tggacgattg	tactttgttt	102660
agaaaccaa	agcatagtat	ttgtagtttt	tttattttact	ttagttgcta	ggaagtaaac	102720
tttattcaag	gtctctggta	ccagttgttg	ctaaaagtga	ttgactaatc	tgtcaatctg	102780
aaattatttg	ttgctgaact	gctaattctt	ttgcttctat	ccttttaggca	gatcttgtct	102840
ggactaccag	actcaagaga	ccaaatcaag	ccttttctaag	acccttgaac	aagtcttgca	102900
cgacactatt	gtcctccctt	acttcattca	attcatggaa	cttcggcgaa	tggagcattt	102960
ggtgaaattt	tgggttagagg	ctgaaagtgt	tcattcaaca	acttggtcgc	gaataagagc	103020
acacagtcta	aacacagtga	agcagagctc	actggctgag	cctgtctctc	catctaaaaa	103080
gcatgaaact	acagcgtctt	ttttaactga	ttctcttgat	aagagattgg	aggattctgg	103140
ctcagcacag	ttgtttatga	ctcattcaga	aggaattgac	ctgaataata	gaactaacag	103200
cactcagaat	cacttgctgc	tttcccagga	atgtgacagt	gccattctc	tccgtcttga	103260
aatggccaga	gcaggaactc	accaagtttc	catggaaacc	caagaatctt	cctctacact	103320
tacagttagcc	agtagaaata	gtcccgcctc	tccactaaaa	gaattgtcag	gaaaactaat	103380
gaaaagttag	tatgtgattt	tcttggtgtg	acatatgtgt	ctcactttct	tttttttaatt	103440
tactaagcag	aacttcagat	gaggaataaa	atgattggaa	tatttttttt	ctcctctaac	103500
tacttgtaaa	tttgggagaa	tttggagagt	gtagtagagt	cagatcagtg	tatggaaaag	103560
gagcaggagt	gactggacct	tctaagaagt	gtgttatcag	aattagtaaa	tgaagggtca	103620
aatgtcctac	ttttccctc	cactgatttt	gacatcaaac	cattatccac	atagccttat	103680
ttctcctc	ggtcttaatt	ttattaatat	tttactgcac	tttgagata	aaatttttaa	103740
aaaattttta	aaaattgcca	ataagtgaca	tttattaagt	tcagtgtcta	gtgtatatatt	103800
ggatttttatt	tattagtcac	aagacctttg	tgcaggtagt	aggcatgatt	atcttttttt	103860
ttttgagatg	gagtcttgct	ctgtcgccca	ggctggagtg	caatggcgcg	gtctcggtc	103920
actgcaacct	ccgggttcat	gccattctcc	tgcctcagcc	tcccaaatag	ctgggactac	103980
aggcgcctgc	caccacaccc	ggctaatttt	tttgatattt	tagtagagac	gggggtttcac	104040
catgttcgcc	aggatgggtc	cgatctcctg	actttgtgat	ccgcctgcct	cggcctccca	104100
aagtgcctggg	attacaggca	tgagccaccg	cgcccgact	gattatctta	tttacacatg	104160

agaaaaccag	ggcttagaaa	ggttaggtaa	cttcctctag	gttgtagagt	aaatgtggac	104220
ctagaagcat	tttgacaaga	gcacctgttt	ttttttcttc	tctattagtt	tagaaattat	104280
atactcttaa	ttatcacctg	ggattttgat	tagacagcct	tcatgttctt	tttcatctta	104340
aatgttcttt	gtgtcttaaa	gggctaagtg	atttcttcag	atcttttagt	tcactcattc	104400
tcagtgaact	aaaatgaggt	ctaactctgct	actgaatcaa	gttttcagca	tggtatttcc	104460
ttcctccctc	cctccctcct	tccttccttc	aaccaggctc	ccgaggagct	gggattacag	104520
gcgcccgcga	ccactcctgg	ctaattttta	tatttttagta	gagacggggg	ttcaccatgt	104580
tggtcaggct	gatcttgaac	tcctgacctc	aagtgacctc	cctgcctcgg	cctcccaaag	104640
tgctgggatt	acaggcatga	atcaccacac	ctgacggcat	gttattttca	tcgcaaagtt	104700
actgtaagct	gggagaagtg	gcacacactt	gtactcccag	ctactcagga	agcttaaggt	104760
gagaagattg	cttgagccca	ggagttttga	gaccaacctg	ggcaacacag	caagacccca	104820
gctcaaacia	agaaaaaaag	ttattgaatt	ttttattttct	atggatcatt	ttttgtagtt	104880
tcttattcct	ttcacccctc	attcccactt	ttgatcccat	ctttttattta	tttagtttta	104940
ttaaatgtat	atttgtctga	taattctgct	atctacagtt	ttttgtggac	ctgactcagc	105000
atttctttgt	ttcttcggat	tcagactggt	ggtggcttgt	gatttttagtg	atttttggcc	105060
gtgaacatgt	ttcttggact	tttgtctgtg	ggaattctct	gtgtactctg	tataaattaa	105120
gttacttcag	gtgttttgca	ttttcttttg	ccatgcacct	ggggcctggg	tcactaccct	105180
tctggtacca	cttaaaaactg	aatttttgtc	ttgggtgctc	gtactgatcc	tgtatgagta	105240
cagggtttata	cttactgtag	aaatatgggtg	tttgattatg	gggtattgtc	ccagatgggtg	105300
ctggagtatt	aatatgctct	ctgttaaact	taatgtgttg	tccttgtaaa	actccaaaat	105360
tctgaattcc	agaatactac	tggcccaaaa	tgtttaagat	aagggcactg	cctgtatttg	105420
tttctgcctc	ccactatttt	ccttagttta	acacaaaactc	acctttttta	aaaacatttt	105480
gagagaattc	agtattggga	agagtttcta	acctgtttct	ggaaatggaa	gtccaaagtc	105540
tgtttctgta	attgtttttt	ttttgagatg	gagtcctact	ctgtcaccga	ggctggagtg	105600
caatgacgta	ctctcagctc	actgcaacct	ccacctcccg	ggttcaagcg	attctcttgc	105660
ctcagccccc	tgagttagctg	ggattacagg	tgcccaccac	catgcctggc	tgatttttgt	105720
atttttagaa	gagatggggg	ttcgccatgt	tggccaggct	ggtcttgaac	tcctgacttt	105780
gtgatctgcc	cacctcagcc	tcccaaagtg	ctaggattat	gtttctgtaa	ttgtaataca	105840
tttattgttt	ttagaaaactg	tctttgcttt	agtggtaatt	ttcaataaaa	atagaaatag	105900
cagtggagtt	attaaaagag	cattagttac	atttttccct	ttttcattat	cttcaaatat	105960
tatatatagt	aagtgtgacc	tttttaaaat	gtatacttgt	atcagtttta	acacatacat	106020
agattcctgt	aactgtcacc	actataaggg	taaagaacag	ttagtctcct	cacctttgaa	106080
gtcaagcccc	acctctatcc	caacacttgg	caaccgctga	tctttctccg	tctcaatagc	106140
tttgccctttt	ctcttttttt	ttcttatttt	tttttttgag	acagcgtcct	gctctgtcgc	106200
ccgagctgga	gtgcagtgag	gcaatctcgg	ctcactgcaa	cctccgcctc	ctgggttcaa	106260
gcagttctcc	tgcccttagcc	tccctagtag	ctgggattat	aggcacgcac	caccacaccc	106320
ggctgatttt	tttgatattt	tagtagaaat	gggggtttcac	catgttggcc	aggctgggtc	106380
caaactcttg	acctcaagtg	atccacctgc	ctcggcctcc	caaagtgtctg	ggattacagg	106440
cgtgagccac	tgtgcccac	caggactttt	tttttttaaa	tttacattca	acttgtcatt	106500
tttttcttgt	atggattgtg	ccttcagagt	cacacctaa	agccctttgc	ctaagcaaag	106560
gtcatgaaga	ttttctcata	tgtttctctt	taaaagattt	gtggttggcc	agggtgccatg	106620
gcttatgcct	gtaatctcag	cactttgaga	agctgaggtg	ggcagattac	gaggtcagga	106680
gatcgagacc	atcctggcta	atgcggtgaa	accccatctc	tactaaaaat	acaaaaaaa	106740
aaaaaaatta	gccgggcgtg	gtggcgggca	cctgtagtcc	cagctacttg	agaggttgag	106800
gcaggagaat	agtgtgaacc	cgggaggtgg	agcttgcagt	gagccgagat	cgcgccactg	106860
cactccagcc	tgggcaacac	agtgagactc	catctcaaaa	aaaaaaaaaa	agtattatgg	106920
ttttacactt	tacgtttaga	tatatatctt	ttttgagttt	atgtcgtata	agtatgaggg	106980
ttacgtcaga	ttttttgttt	tttgtttatt	tttacatatg	gatgtctagt	tgttctaata	107040
ccattttgtt	aaaagacaac	ctttactcca	ttgaattgcc	tttgactttt	tgccatattt	107100
gtctaggcct	gttttttgag	tcctttttct	gtttcatgat	gtgtgtgtct	attcctttgt	107160
taataccaca	tggtcttaat	tactgtatag	taagtcttaa	aattgggtaa	tgctggcctt	107220
ataaaacgaa	ttgggaagtt	tttattttta	ctcttatttc	cattttctag	aagagattgt	107280
gtagaattgg	tgtcatttct	tcttttagata	tttggttgaa	ttgggaagtg	atgccatctg	107340
ggcctagggt	tttgtttttt	gtgtgtgaga	cagagtctca	cttctgtcac	ccaggttggg	107400
gtgcagtggg	gagatcttgg	cttactgcaa	cctctgcctc	ccaggttcaa	gttatcctcc	107460
tgccctcagcc	tcccaaata	ctgggattac	aagcgtgtgc	caccatgccc	gactaatttt	107520
tgtattttta	atgcagacag	ggtttcacca	tgtagcccaa	gctgggtctcg	aacttgtgac	107580
ctcaagtgat	tagcccacct	tggcctccca	aagtgttagg	attatagatg	tgagccaccg	107640
tgccctggcag	gggcctaggg	ttttcttttt	cagagtattt	taaactatga	attcagatta	107700
tttaatatag	ataggactat	ttaagttatc	tgtttcttct	tgagtgaatt	tttactgtag	107760
tttatggcct	ttgagtaatt	aattgtattg	aattgtcaaa	tttatgagcg	tgtaattatt	107820
tatagcattt	cgggtttgta	gtgggtatccc	tcttttatct	ctgggtgttg	caatttgtgtc	107880
ttgtttttct	ttgtcagatt	gtatagggat	ttattagtct	tttcaaagaa	ctagcttttg	107940
ttttgatttt	tctgttgttt	tgttttcaat	tttattgatt	ttctgtctct	tattatttct	108000
tttctattat	ttctgcttgc	tttgggttta	ttttactctt	ttttttttct	ccaagttgct	108060

ttaaagtagaa	acttagattt	ctgggtttgag	accttttcttt	tctaagataa	gcattttaata	108120
ctgtaaattt	ccttctaacc	actgcttttag	ttacaccccc	acaaattctg	gtatttttgaa	108180
ctgagcacaa	atgaaatggt	ctaatttccc	ttgaatctta	ttctttttacc	aatgaattat	108240
ttagaaatat	gttattttagt	ttgcaagcaa	ttggagactt	ttttcctggt	atttttctac	108300
cattttatttc	tcattttcatt	atattatggt	cagagaatat	attttgaatg	atttcattta	108360
ttaatTTTTA	aaaataacat	taaaaaatTT	tttaaaatgt	gaatatacca	catacagtat	108420
aaagattgta	cattctgttt	ttggacagtt	ttctataaat	gtcaagttga	tttagttggt	108480
taatgatggt	gttcagtttt	tctttattct	tgctgatact	ttgtatgcag	ttatatcact	108540
ttattactca	gaagagtgtt	gaactttcca	actacaattt	ttttttccaa	ttttactttc	108600
agctctatct	ggttttgctt	catgtatttt	gaggctctgt	tggttaggtgt	gtacacattc	108660
aggatgatat	cttctgggtg	aattgcctgt	tttatcatta	tgtaattccc	tctttatggt	108720
aattttcctt	gttctaagat	cagaaatatc	tggtgtccaa	tttatataga	cactgcagct	108780
ttcattttgat	tagtgcttgc	atggcataatc	tttttccatt	tttttacttt	tgatctacct	108840
ttataattct	atttaaagggt	ggcttcttgt	aggcagcata	tagttgggta	gtgttattta	108900
tttattttatt	tattttattta	tttattttatt	tattgagaca	gagttttgct	cttggtgccc	108960
aagctggagt	gcagtgggtgc	aatcctgggt	taccacaacc	tccacctcct	gggttgccagt	109020
gattctcctg	cctcagcctc	ccaagttagct	gggattacag	gcacgcgcac	catgcctggc	109080
tgatttttttg	tattttttagt	agaaacggat	tttcaccatg	ttagccaggc	tcgtcttgaa	109140
ctcctgacct	caggtgatcc	acctgctttg	gcctcccaaa	gtgctgggat	tacaggcgtg	109200
agccactgca	cccggctgag	tcatgttatt	tttaactctt	tctcacaata	cagggttttt	109260
gttggttaaat	tttaattattt	taatataaat	tttagtataa	ttattttacat	taaatgtaac	109320
tgttgcactg	gggtattttat	aatgtgtaaa	tataattatt	ggtatttaata	taattatatt	109380
actcataata	atattaatat	ctttggattt	agattaccag	tttagtatat	gtttttctgt	109440
ttctccctct	ttgatttccc	cttttttgct	tttttttttt	ttttaattct	tatttttttt	109500
tagtattttgt	tgatcattct	tgggtgtttc	ttggagaggg	ggatttgcca	gggtcatagg	109560
acaatagtgt	agggaagggtc	agcagataaa	catgtgaaca	aggctctctg	ttttcctaga	109620
cagaggaccc	tgcggccttc	tgcagtgttt	gtgtccctgg	gtacttgaga	ttaggagggtg	109680
gtgatgactc	ttaacgagca	tgctgccttc	aagcatctgt	ttaaacaagc	acatcttgca	109740
ccacccttaa	tccattttaac	cctgagtgggt	aatagcacat	gtttcagaga	gcaggggggt	109800
gggggtaagg	ttatagatta	acagcatccc	aaggcagaag	aatttttctt	agtacagaac	109860
aaaatggagt	ctcccatgtc	tacttctttc	tacacagaca	cagtaacaat	ctgatctctc	109920
tttctttttcc	ccacattttcc	ccctttttcta	ttcgacaaaa	ctgccatcgt	catcatggcc	109980
cgttctcaat	gagctgtttg	gtacacctcc	cagacgggggt	ggcagctggg	cagagggggt	110040
cctcacttcc	cagatggggc	agccggggcag	aggcgccccc	cacctcccag	acgggggcagt	110100
ggccggggcgg	aggcgccccc	cacctccctc	ccggatgggg	cggctggccg	ggcggggggt	110160
gacccccac	ctccctccc	gacggggcgg	ctggccgggg	gggggctgac	ccccacctc	110220
cctcccagat	ggggcggtgt	gcccggggcgg	ggctgcccc	cacctccctc	ccggacgggg	110280
cggctgccgg	gctgaggggc	tcctcacttc	gcagaccggg	cggctgccgg	gcggaggggg	110340
tcctcacttc	tcagacgggg	cggccggggca	gagacgctcc	tcacctccca	gatgggggtg	110400
cggtcggggca	gagacactcc	tcagttccca	gacgggggtc	cggccggggca	gaggcgctcc	110460
tcccatccca	gacggggcgg	cggggcagag	gtgggtccca	catctcagac	gatgggctgc	110520
cgggcagaga	cactcctcac	ttcctagacg	ggatggcagc	cgggaagagg	tgctcctcac	110580
ttcccagacg	gggcggccgg	tcagaggggc	tcctcacatc	ccagacgatg	ggcggctagg	110640
cagagacgct	cctcacttcc	cggacgggggt	ggcggccggg	cagaggctgc	aatctcggca	110700
ctttggggagg	ccaaggcagg	cggctgggaa	gtggaggttg	tagggagctg	agatcacgcc	110760
actgcactcc	agcctgggca	acattgagca	ttgagtgagc	gagactccgt	ctgcaatcct	110820
ggcacctcgg	gaggccgagg	caggcagatc	actcgcggtc	aggagctgga	gaccagccc	110880
gccaacacag	cgaaacccc	tctccaccaa	aaaatgcaaa	aaccagtcag	gtgtggcggc	110940
gtgcgcctgc	aatcccaggc	actctgcagg	ctgaggcagg	agaatcaggc	agggaggttg	111000
cagtgaagcc	agatggcggc	agtacagtcc	agcctcggct	ttcacaactt	tggtggcatc	111060
agagggagac	cggggagagg	gagagggaga	cgagggagag	cccctttttt	gctttctttt	111120
ggattatttg	aatttttctt	taaattttatt	tatcttactt	atttattttat	tttttttgagt	111180
gattctcctg	ccacagctcc	caagttagctg	ggactgcagg	catgtgccac	tacaccagc	111240
taattttttt	gtattttttag	tagagacagg	gtttcaccat	attggccagg	ctggtcttga	111300
actcttgacc	tcaagtgatc	cacctgcctc	ggcctcccaa	agtgtctggga	ttacaggcgt	111360
gagccaccat	gccctgcctt	tttctagaat	ttatatattg	agttcttgat	tgtatctttt	111420
tatgtaggct	ttttagtggc	ttctctagga	attacaatat	acatactttt	cacagtgtac	111480
tcacatttaa	tattttgtaa	cttcaagtgg	aatgtagaaa	acttaaccac	cataaaaata	111540
gaactagggga	tgaggttaaa	aaagagagag	aaaagaaatg	taataaagat	ttaataacac	111600
cgtttttttt	tttttttctc	tttttttttt	gagacagagt	ctctctttct	gttaccaggc	111660
tggagtgcag	tggcgtgatc	ttggctcact	gcaacctccg	cctcctgggt	tcaagtgttt	111720
ctcctgcctc	agcctactga	gtagctggga	ttacaggtgc	gcgccaccat	gcccagctaa	111780
tttttgtatt	tttagtagag	acgggtttcac	tgtgtttggc	aggatgggtc	cgattttctt	111840
accttgtgat	tcgctctcct	cagcctccca	aagtgtggg	attacaggcg	tgagccaccg	111900
cgcccggtta	agtcttttaa	tatttttttt	acattgcact	ttttctcttt	tccttctagg	111960

atthttagtaa	cccaaagtgt	agthtttgta	ttgttttgga	ggthctctgag	gctthctctta	112020
cttcttttaaa	tttttttttt	ctgttggtca	gcttcgaaaa	tttctattca	tctgtcttca	112080
aattcactgg	ttctttcccg	ttatttccat	tctgttattg	agtctttgta	gtgaatttta	112140
aattttgttt	attatgtttt	ttagttctaa	aattttcttt	ttttgtgtat	gtcttatact	112200
ttgtctctga	aactcttatt	tgthtcagga	gtgatcttat	ttcttagagc	atggttttag	112260
tagctactta	aaatttggtt	tatcatccca	gcatatgtgt	cctcttgatt	gtcttttctc	112320
ttgtgagata	atgggatttt	ctggttcttt	atatgacaat	taattttgga	ttgtatcttg	112380
gacagtttga	cttacgtttac	atgattctga	atcttgthta	aatcctgtgg	aaaatattga	112440
agthtttgct	ttaacaagca	gttgacctag	ttaggttcag	tccacaaatt	ctaagcagca	112500
ttctgtcggc	tctggttcca	tcatcagttc	agthttgtat	cttatctgct	tatgtgcctt	112560
tctgtgtcca	gtctgggacc	tggccaatgg	tcaggtccca	aagcctttgt	acacttttag	112620
aagcagggcc	atgcacaccc	agctcacgag	tggccccggg	agtgcacata	caactcgacg	112680
ttttcatggg	ctccttcttt	tctgtgatgt	ccctgacacg	ttctgccttc	taagaacctc	112740
cctttatccc	tttctgtgtg	tctggctaga	aagtcagggc	tttagattcc	ctatacttca	112800
gcacacttcc	tgtagctatg	tcaacctctg	tggccacgac	ttcttcttct	tgggactgca	112860
gtttctcttg	tcagaaagta	ggattcttgg	agctgctgtc	attgctgctg	tggctgctct	112920
gatgctgcct	gggagtcgaa	ggagagaaag	gaacaaaaca	aaacaaccca	ggggatttcc	112980
tccactctct	ttgatccgtg	agagccccct	ttctgttccc	tcagaccaga	aatagagggc	113040
ctgtcttgga	acttcttctt	tgtgcatctg	gtgtgcagtt	tcagcttttg	agtccaggcc	113100
aggaggtgct	ggacaaactt	gtcaggagta	cggaggtact	gcaagttctg	attacttttc	113160
tcagtccacc	tgcttccaag	tccttggatg	catttgtcca	ttgttttgag	ttgcattcca	113220
tgggagagac	agaagagtgt	gcttatthta	tcttgacata	cttattagga	tttcatatca	113280
aatcaacgga	tgatattctc	tatathtaatt	tgctgtthtt	cctthtagcaa	gcacattagg	113340
aaaataacac	tttaacaccc	gcctthtggtg	gtthtctgtca	taattattaa	tacttgactt	113400
tttttttttt	tttgagacgg	agtctcactc	tgthctthtg	ggcattgtcc	ccataaactt	113460
ttggtaaaag	atcaataaatt	ttatctthta	tccacacaag	cttcaccata	aatttgatgt	113520
ttattcttcc	atthttagcag	aattcatgth	gctccaatag	gggctgtctt	caaactgatg	113580
ttttctcctt	cttagtgctt	cagagtagat	cctgttcaga	tacgttataa	caggthtaata	113640
tgagthttatt	ttgggtgtaa	agtactthtg	aattcatgca	tagthttthtc	atcatatgca	113700
ttttccatag	ctthgaacac	ccccatgtaa	ctctcctctt	ccacaaacca	aacaatgaaa	113760
aagcaccttt	gtgatggaag	tttatthttgc	aataggaact	cacagtgatc	taagccctgc	113820
tattcatgaa	tataattcat	tactggagtc	caagthgtct	tttggthttt	gaagthctct	113880
tcttcccttg	caggtataga	acaagatgca	gtgaataact	ttaccaata	tatatctcca	113940
gatgctgcta	aaccaatacc	aattacagaa	gcaatgagaa	atgacatcat	aggtaagcag	114000
tgcttgaaac	tatggcaaaa	aaaaaatgac	aaaaaatgca	cagaactgac	aattthctgt	114060
attgactaag	ataattthtt	cttaacatgg	aattthtagc	ttcccttctt	aattthgttt	114120
ctgagthatt	tttatatcgg	attatagctc	actthtaaa	tttctcggct	gcattcgggtg	114180
cgaggggtct	tgcttggggc	agatgggctg	cagtgtagcg	ggtgctcagg	cctgccccgt	114240
gctgagcagc	cgggcccggc	ggcggctacg	ctaaccggca	cagaccaccg	gatggactgg	114300
ccggcagccc	cgcaccagtg	cacgaagtgg	gcgggacaga	aacttctggg	gttggaagtc	114360
cagtgaggct	aaaagccggt	accaaagtct	ctaggcatca	gggctgcagc	ccaagagtct	114420
cacgaccagt	gggcaactgg	atggccagac	aggtgtctca	gtgggtggct	ctccgtctca	114480
gggcttcatc	ccacttctca	gtgggcctga	cgtccctggg	caccctggat	gtctacctgc	114540
attagccaga	gccatcacat	ggcctgtgac	ttgctthttt	ttgcccagtg	attgtgccac	114600
acacagtgct	atthtctgtg	catttggcac	agctggaggt	gcaaggagga	gggcagcctc	114660
atgtccagtc	ccagthttcac	gtaactthtat	tcttctgaat	aaagacaatt	tgctaacctt	114720
aaaaaaaaaa	aaaaaaaaaa	agthtttctt	atatgttgga	cccaaattct	taggctthta	114780
cctgaataac	aatgacagca	agatcaataa	atagthacaca	tttattaaac	actcactgtg	114840
tcccagacaa	tattccaagc	actthtttatg	gatagactca	ttthtaacttc	taaagaactt	114900
tgtgggataa	atacagttat	tttatagatg	aagaaactga	agcacagaga	agthtaagtgc	114960
tttgtccagg	gtaacagctc	agatatggca	gagtcaggat	ttgaaactag	accctcacat	115020
accttaactg	ctgtgctgtg	gcagtgthtt	tcatactgta	ggttgggacc	agccttctct	115080
tatgccctca	ccccctgcca	aaaaaaaaaa	aaaaaaaaaa	aatatataat	atatataat	115140
atatataat	atatataat	aatataatata	tataataaat	atatataat	ataaaatata	115200
tgtattagta	tatatgcata	tatagtatat	attatataat	agtataatata	ctaataatata	115260
atatacatat	tagtggtgtg	atataatata	atactagaat	aaaaaaatca	aagtatctca	115320
gagtagtaag	gacaaacatt	tcagaaaaat	gtthttcatta	tataacatg	tatgtatgtg	115380
tatgctgatt	caacaaatat	atthtcttata	ggttatagca	aaatagthttg	aaagctthtta	115440
ctgtgtthtta	tcaggaagac	cttaggtgaa	cgtatattca	cagataaaaag	aggthatttta	115500
ttcatttcaat	aaatattaca	ttctcataag	tcctaataat	atgtatthtt	attcttcaaa	115560
aaagthtagta	tttgtgattt	atgaaataag	acatgttctt	gcactthttag	cagatctgtc	115620
ccgatgttgg	gcttctthta	tccttagtgt	gggtgcttht	cactcactca	ctgctgggga	115680
cagcaagacc	cctgttagtc	tcagctgtgt	ttcttaaaat	ggcccaactgt	accttccagt	115740
tagctattct	ggggtccatg	tcatgttggc	tccattthtc	ttthtcttht	cccacacaga	115800
tacctataac	ggctataaca	taggcctggt	ggctgttggg	ggcttatccc	tatctgcttg	115860

tattttaaggg	gtactggttc	actgagtttt	gctgacagat	gttggtcatga	gatttgaggt	115920
tttctgtgtt	gttgctctat	ttttatgttg	gaatttgcta	ctatcatcat	ccctagacca	115980
gcttttccta	gtaatacaac	agggatgttc	tgactgatta	gagtttgcc	gtttgaagaa	116040
ttgggtggct	agtgattttt	ttttgagggg	agtctgtacc	agttaatagc	ctgactggcg	116100
tgtggataaa	aaggaagcag	tttcaagtca	aataaaacac	ttaaaatgaa	accacactgc	116160
aactctcttt	cttttactta	agcttaatat	aattaatgat	gatgtaatcc	catgaaggaa	116220
aagtcttctg	aaggatcaag	ttgataacat	tttgtgatca	aagaatttga	gaaaacctct	116280
atcccagtg	ctatcattat	atatttttag	atgttaatta	cctgtgtggc	tttaggcaag	116340
tcatttttcc	tccttgagcc	ccattcttaa	tcctgtccaa	attatttgtc	tcctcttgca	116400
gttggaactat	tttaatatag	ctgtccttca	agtgagtttt	gttcaaagga	gccttcactt	116460
tagctcttac	tgtgtaccca	ctttgcatag	tcctgtttta	aatgtaatcc	ttggattttt	116520
ggtgttgcta	actaattact	gtttttatgt	gaggatttag	agtgatccag	aatctatact	116580
tgcactacct	ccttcactct	ccacaaatgt	ttgaagtgg	agaattttta	aaaactttga	116640
aggtacagct	gacagaattt	gctgatgggt	tggaagtgg	tggtatgaga	gggaaaaaaa	116700
ggaataaagc	atgactgcat	tttttgtttg	tttgtttgtt	tgtttttgag	acggagtctc	116760
actctcgcca	ggctggagtg	cagtggcggt	atcttggctc	acggcaacct	ccgcctcctg	116820
ggttcaagcg	attcccctgc	ctcagcctcc	caagtagctg	ggactacagg	cgctcgccac	116880
cacgcctggc	taattttttt	ttttgtattt	tagtagaaac	ggggtttcac	cgtgttggcc	116940
aggatgggtc	ccatctcctg	acctcatgat	ctactcacct	tgccctccca	aagtgtgag	117000
gttacaggca	tatatataag	catataaagt	gtgttatagc	atacaaacag	gtatatatat	117060
aaacatgcag	tccacacagc	tgataggaat	gaggcagtag	tgaaggagaa	gttgatgtag	117120
gagaggggac	agtgtgtaca	ggaaagaagt	ctggaggcag	aagggatgaa	ttccagtgtc	117180
cacatagaag	attgcttaga	tgggagcaag	gacaatttat	ctagagtcac	aggaaagaat	117240
gcagtacacg	ggtagagatg	cagggtgagtt	gaaagatgtg	agagatgatg	gaaataattt	117300
tctgattgct	tctatattct	caaggaagca	ggaagcaaag	tcctcagcaa	agagaataga	117360
agaggtgtta	aatatttgag	aaaggagatg	tactgtagaa	aaaaaaaaaa	ctcagtttct	117420
ccttctgaac	tctcacaaaa	cagaaccctt	ccatgactct	agttgtgtgg	ggttttttcc	117480
ctgtcagcta	ccaattctgc	agatgattgt	tcagtgaaca	ccaactgggt	gtcctctaag	117540
tcagttcagt	tctcacactg	tttacctgga	gatagcatca	gatcccacag	attgaggact	117600
ctgtcccaca	agactgcctc	cacttcagat	gccagtctca	agtacaagtt	gtggcctgtg	117660
cttctgactg	accttctata	aattggagtt	cccacagtcc	cctccttggg	ttcaataaat	117720
ttgctagagc	agctctcaga	actcagggaa	atgctttaca	tatatattacc	catttattat	117780
aaaggatatt	acaaaggata	cagattgaac	aggcagatgg	aagagatgca	tgggcaagg	117840
atgggagagg	ggcacagagc	ttccatgcac	tctccagggt	atgccaccct	ccaagaacct	117900
ctacagattt	agctattcag	aagccccct	ccccattctg	tccttttggg	ttttttgtgg	117960
agacttcatt	atataggcat	gattgatcat	tggtatttgg	tgatcagctc	aaccttcagc	118020
cccctcatcc	cgggaggttg	gtgggtagg	ctgaaagtcc	caaacgtgta	attctgcctt	118080
ggtctttctg	gtgattagcc	ctcatcctaa	agctctttag	aggccacagc	cacaagtcac	118140
ctcattagcc	ttcaaaaagaa	tccagagatt	ccatgaattt	taggcgctgt	atgctaagaa	118200
actggctaaa	ggccagttgc	aatgtctcag	gcctgtaatc	ccagcacttt	gggaggctga	118260
ggcaggagga	tcgtttcagg	ccatgagatc	aaaaccagcc	tggtcaacat	agtgagacct	118320
cettacaaaa	aatttaaaaa	ttggccaggc	gtaatagctc	ttgtctgtag	tctcagctac	118380
tcagaaggct	gaggatcact	gagccctgga	gttgaaggca	gcagtgagcc	atgatcgtgc	118440
cactgactcc	ggcttgggtg	acaaagtgg	accttgtctc	agaagaaaaa	ggaaaaaaa	118500
aaaactgggc	aaagactaaa	taacatatatt	cacagtatca	cagatttgta	ttgtctagga	118560
aagtgaatgt	aaacagacca	ggacactagt	atgatccctt	ggtttcatga	aggtcccact	118620
aaagtcatga	acacaaagtg	agactaggca	tcagtgtata	tggtttttcc	agccatgttt	118680
aacagctagc	taaatagcta	attgtttcgc	tgcagtttat	tttagcagtt	ccttatttta	118740
gcacatttca	tgttttaaaa	tttctaccaa	taacatttta	ataaactttt	ttacagataa	118800
cttcacaaat	ccataatttt	tttaagttaca	atcccagaaa	tagaattgct	cattgaaagg	118860
gtatgttcat	ttttaaaagt	atgctagaaa	ctgccaaatt	gccttcagaa	aaagggtgtt	118920
gtatccccac	taacactagt	gttagttttc	ttgtgccctt	gctcaagtat	acatatattt	118980
aaaaacaatg	ttgggcccagt	ttactagata	aaagggtgtg	tgccctcctta	ttctaattcta	119040
tttgattact	agtgagtatg	tatgtctttt	cacgttgggt	atttttatgt	tgttcctttg	119100
tggattgtca	tgtcctttgc	tcattttttc	tttggaaacat	ttcttagtag	tttataagag	119160
ctcttgggtat	tttaattgata	gtaacctttt	aactgtcatg	catgctgcaa	atcttttttc	119220
tgtttgtttg	cctttgtatt	ttgttttttg	agggttttcta	tgtataggaa	ttaaatttta	119280
tgtttgttaa	tccttttgatt	tctgcttttg	catatgtact	tcaaaaagact	ttctatttta	119340
agatcaagtg	ttacctgtat	tttcttttag	ttctatttaa	aacctcttaa	tttatatgcc	119400
tgtgctgtta	actcccaagt	tgattcacaa	gtgtgtatac	atagtttgaa	tttagtggca	119460
atttaattat	ttacaacttc	ttttgcagca	aggatttgtg	gagaagatgg	acagggtggat	119520
cccaactggt	tcgttttggc	acagtccata	gtcttttagt	caatggagca	agagtaagtt	119580
agttcatatt	ttcacattgt	gcacccatag	gaatttgggt	tcattgttag	gaatgggctt	119640
cactcagcta	aaaacaaagt	atttttgaga	atttaaatat	tttggaattt	tacaagatca	119700
tataaagcat	actctatctt	ggttaacagt	ttctttttaa	tataaattat	gtgaactctt	119760

aaaattttca	ttttcatttt	caatgttaat	atttcctaag	ttaaaataat	ttgttttttag	119820
ttctgaaata	atttgaggag	tgattgagtc	tgtagtatt	atgactatta	gaattgggtt	119880
atttatttaa	ataatgcatg	tcttcagatg	gctctcctaa	tttggttagt	aggctttaag	119940
ctaaatggat	gctatataac	taaatccaca	tagatttggt	gaaatggctc	cagagggttt	120000
ttagatttat	tactgctatg	tgcccttaaa	aaaaatctat	tcattctttc	acttaacatt	120060
tatcagaaga	gtgctctgtg	taagacgtgg	ttaggcatag	tgccagtcct	gaaggaagtt	120120
acagcctaata	aaaagacata	gggcatgttg	tttggttact	gtaatatgaa	gtggcatgtg	120180
ttaaatgtca	ggggagaact	acaaagtcac	aaaaagggtg	gagagattac	atacaggtaa	120240
aggaatcagg	aatgacacca	tggggagtaa	ggtagtgttg	acctaggcct	ttaagataca	120300
atagggacag	tatggaaaga	gtatatTTTT	cccacttaaa	ctctttcctt	ggtcgttccc	120360
tcaaattttc	ccttttgtcc	atgtgcaggc	acttttagtga	gtttctgcga	agtcaccatt	120420
tctgtaaata	ccagattgaa	gtgctgacca	gtggaactgt	ttacctggct	gacattctct	120480
tctgtgagtc	agccctcttt	tatttctctg	aggtaaagtc	tgcatttctt	ttcacactct	120540
attcgagcat	tccagcctct	aactatcaat	gctggggccc	tgtctatagg	aaataacaca	120600
gaagagccaa	gtcattttcca	aaaagatgta	tcattgtttc	aagttgtttc	tgatggcaag	120660
agtaatttaa	taatataatta	gagagaacat	gaaaattcaa	tgtattaaat	aactctaatt	120720
ttgagaaacc	taattaaact	actgcatgta	agagagtga	tgtttttaat	tatttggagc	120780
tatttttaaa	ccacagaatt	tgaacttgc	ttccagtga	taaattgcag	accagacttc	120840
agaagagaaa	aaaagtagta	aattttttct	tatgctcatc	atttttactt	tagtcacttg	120900
ataggattgc	ccagtgaaga	agcatttgca	acagacaatg	agtatatata	tctttttgag	120960
gcatacagtt	tagtataatg	ctctttgtta	ggcttcaaca	agtgaatata	ttttgttgga	121020
aagcaaata	ctattaagta	gaaagaggat	tcccagtcct	acaaagcagt	aatttagaca	121080
ctcgattctg	cctctttaca	agaatacagg	tactcagttg	atttgttttc	tcactccctt	121140
tctttgctat	aagtttaaat	caacaatttg	tttaggttaa	tatgtcctca	tggaatgggtg	121200
gaaatgatca	gatataaaat	atttggtttg	gttagtttac	tctttatatg	tttgctggca	121260
aggaaccaca	aatccagttt	agtataattt	ttactctagt	tcactaaaag	tttgcaccca	121320
gctgtgtagg	tagtggtttg	ttcttggtta	cttttttttc	gtctaaaaga	atactttaaa	121380
acttttcaat	ctcaaatgac	tgtaacttgc	tgacaggtgt	taacagaaga	agtagatctt	121440
tttggttttt	gcttatgacc	tgtattttta	tatttgagct	tatagattag	agattgtgag	121500
agaaatctgt	ttatagtctt	attttccctt	gtgtattttt	tcttcctagt	acatggaaaa	121560
agaggatgca	gtgaatatct	tacaattctg	gttggcagca	gataacttcc	agtctcagct	121620
tgctgccaaa	aaggggccaat	atgatggaca	ggaggcacag	aatgatgcca	tgattttata	121680
tgacaagtga	gttatattga	tagatggatt	cagcagatac	ttattgaaca	tttgatatgt	121740
tttggtgaaa	taaagatgaa	taaactcagt	ctctgttgct	aaggagctca	caggaggcag	121800
cataaaaagct	gctttttatat	ggtgttttga	aagctttggg	ggttcttaga	acaaaagttt	121860
ctgctgggaa	aggggagggtg	tatgtggggg	aaacaggatg	gcaatgggtg	tggttcaagga	121920
gtgtttccca	gaagagagat	tttggtttgga	tcccaaagaa	agaaggggaat	tttgctaccc	121980
agagaaggca	gaaaacaaca	ttctaggcaa	aggcattggc	ccagaagcca	tggaacgta	122040
ggggaaagtg	gcacttttcaa	gaaacttgag	tttagataat	caaaggagtg	gggaataaat	122100
atgaggatgc	tggtactaat	tggaatagat	tgtaaggggac	cttgaatgcc	tatttatggg	122160
tatatataac	tttctgtata	aatctgctca	ggcacgttgt	taattagttt	tttattagtt	122220
ttcactgaaa	atgagaggat	ggaaacatca	tacagtaaac	aaaattgaaa	atatctgggc	122280
aggcagatga	tgagcttggtg	gccagctctg	taacgtatgg	tattcttttc	atttaacttt	122340
tcttactctg	taaaaaaaagt	aattcgtggg	cgggcacggg	ggctcactcc	tgtaatcaca	122400
acactttgag	aggcagaggc	aggtgaatcg	cttgagccca	ggaatttgag	accagcctgg	122460
gcaacatggc	aaaacccgcc	tttactaaaa	atacaaaaaat	tagctgagcg	tgatggcgtg	122520
cgctgttgt	cctagctact	taggggcctg	aggcagaagg	atcacctgag	ccttggggagg	122580
tcgaggctgc	agtgaagctgt	gatccactgt	actccaccct	gggcagggca	gtagagttag	122640
accctgtctc	caaaaaaaaaa	aaaaacaaca	aaggtaattt	gttattttga	tccttaagca	122700
aatgctaaag	gggttaacttg	gggatagaga	aaagtccaca	gatgttaggg	tttgaagaca	122760
ctaatagtat	ctaggccagt	ggttcctgaa	cattagtctg	tgggctcttg	ctgggctgtc	122820
tgcataggaa	tcacctgaga	gcttattaaa	aatagggttt	caggctgggt	gcgggtggctc	122880
acgcctataa	tcccagcact	ttgggaggct	gaggcaggcg	gattacttga	ggtcaggcgt	122940
tcaagaccag	cctggccaac	atggtaaaac	cccgtctcta	ctaaaaatac	agaatttagc	123000
caggcatgat	ggcacacacc	tgtaatccca	gctactcagg	aggctgagga	aggagaattg	123060
ctcgagcccg	ggaggtggag	gttgacagtga	gaggagatca	tgccactgca	ctccaggctg	123120
gctgacagag	ggagactctg	tctcagaaaa	aaaaaaaaaaa	ataggttttc	agtctgggta	123180
ccggtggctc	acacctgtaa	tcccagcact	ttgggaggcc	aaggcaggca	gatcacttga	123240
ggtcaggagt	ttgagaactg	cctggccaac	atagtgaaac	cttgtctcta	ctagaaacta	123300
caaaaaatta	actgggcatt	ttgacgggtg	cctataatcc	cagctactag	ggaggcttag	123360
gcaggagaat	tgcttgaacc	cgggaggcag	aggactgcat	ctcaaaaaaa	aaaaaaaaaaa	123420
aaagggtttc	agtccccctg	tctcagaaat	tctgattctg	cagggtttgag	gtgtgaccag	123480
gaatctttat	ttttagaaga	cataccagat	aattctgata	aatagccagt	ttagggatgt	123540
agtctaattt	tcctattttg	caagtaagga	aaataaggcc	cagagaggta	atgattttct	123600
caaagtcaca	gaacaagtta	gtggcagaat	ttggactgga	atgcagttct	taatgttctg	123660

tccagtgttt	attctggtac	agtatgtttg	tagaagggtat	tacgtaagaa	acattgttat	123720
atagatgttg	agataggaag	agtttacatt	tagaaatttg	gtctaaaatg	cctgaacatt	123780
caagtcgtgg	aggagtattg	accaacttac	tcaataacaac	ataggagatt	cacattttgt	123840
tacaaaaatg	ctgatttaaa	aggagagttt	tctttttttt	cttctttttt	attttttgag	123900
atggagtctt	gctctgtcac	ccaggctaga	gtgcagtgac	acgatctcag	ctcactgcaa	123960
cctccacctc	ctgggttcaa	gcggttctcc	tgcctcagcc	tcttgagtag	ctgggattac	124020
aggtgggggc	caccacgccc	agctaatttt	tgtattttta	gtagagacag	ggtttcacca	124080
tgttgccag	gccggtcttg	aactcctgac	ctcaagtgat	ccaccaccca	ctgcctccca	124140
aagtgtctgg	attataggcg	tgagccactg	tgcccagcct	gcttgttttt	gtatcatata	124200
tatgcatcat	cataatcatg	cattatcaac	cttttgtattt	ctgtcaggac	atagaaacca	124260
ttagagtgtc	tgggaagagag	cctttttttt	tttctcgcac	ttaatgtctt	ttttggtatt	124320
catttcataa	tcagcttacc	aaaacattac	ctgcattata	ccccatcaag	gtagaaatct	124380
ttgtgttate	aattattggtt	actccctttc	cacaccgagt	catcagtaag	tcctgttcta	124440
tccaaatagg	tcatatgcat	ctagctcacc	cctcagtgct	gtttttgtttt	gaatttgtag	124500
atgtttactc	ctgatgcctt	gtagttatga	tgatgtgttc	ttattttatt	ctgtgcatac	124560
aagttctcag	ctcgtctttt	agggaaaatg	accatgtctt	ccttttcctat	aaattccttt	124620
ctatctatca	agtcctcaac	agagaatagg	taccataaa	tatgtgattg	ttagtctctt	124680
tgctcagtt	gtagtctgat	ccttacagct	tttaaacaac	agtagagttc	accgtcaaga	124740
actaaggatg	gttggcaggc	agatagaaa	gtagcaagtt	gacccaacta	tctctgggga	124800
agtgggaaca	aagaaagggtt	acatcagcac	tgtcatcaca	tagctctata	gttctaggcc	124860
tgagggtctc	atcaagtagc	cttgtataag	attctctgga	ggagggtgctg	aaagttgctt	124920
atacttgcta	tgggaatttga	ttttacttcg	gatattctttt	taccataggt	acttctccct	124980
ccaagccaca	catcctcttg	gatttgatga	tgttgtacga	ttagaaattg	aatccaatat	125040
ctgcagggaa	ggtgggcccac	tccccaactg	tttcacaact	ccattacgtc	aggcctggac	125100
aaccatggag	aaggtaaccc	agaacttcaa	acgtatcaaa	ctacaagaag	ttttattggt	125160
agaactcata	aaatataagg	tgggaaaacc	aagcagaata	gcacagtgga	aattgaagca	125220
gtccagcaaa	gtgattaaga	gcagaggcct	tgagtctggc	ctggtatgta	cagtcacgtg	125280
ccacataaca	ttttagtcaa	cagtggactg	cgtgtacgat	ggctcctgtac	gattataatg	125340
gatcaaagct	ggtagtgcaa	taataacaaa	agttagaaaa	aataaatttt	aataagtaaa	125400
aaagaaaaaa	gaaaaactaa	aaagataaaa	gaataaccaa	gaacaaaaca	aaaaaaatta	125460
taatggagct	gaaaaatctc	tgttgccctca	tatttactgt	actatacttt	taatcattat	125520
tttagagtgc	tccttctact	tactaagaaa	acagttaact	gtaaaacagc	ttcagacagg	125580
tccttcagga	ggtttccaga	aggaggcatt	gttatcaaag	gagatgacgg	ctccatgcgt	125640
gttactgccc	ctgaagacct	tccagtggga	caagatgtgg	aggtgaaaga	aagtgttatt	125700
gatgatcctg	accctgtgta	ggcttaggct	aatgtgggtg	tttgtcttag	tttttaacaa	125760
acaaatttaa	aaagaaaaaa	aaaattaaaa	atagaaaaaa	gcttataaaa	taaggatata	125820
atgaaaatat	ttttgtacag	ctgtatatgt	ttgtgtttta	agctgttatg	acaacagagt	125880
caaaaagcta	aaaaaagtaa	aacagttaaa	aagttacagt	aagctaattt	attattaaag	125940
aaaaaaattt	taaataaatt	tagtgtagcc	taagtgtaca	gtgtaagtct	acagtagtgt	126000
acaataatgt	gctaggcctt	cacattcact	taccactcac	tcgctgactc	acccagagca	126060
acttccagtc	ttgcaagctc	cattcatggt	aagtgcctca	tacagatgta	ccatttttta	126120
tctttttatac	tgtattttta	ctgtgccttt	tctgtatttg	tgtttaaata	cacaaattct	126180
taccattgca	atagtggcct	acgatattca	ttatagtaac	atgtgatata	ggttttgtagc	126240
ccaaaagcaa	taggttgtac	catatagcca	aggggtgtag	taggcccatac	catctagggtt	126300
tgtataagta	cactctgtga	tgttagcaca	atggcaagca	gcctaacgga	aattctgttt	126360
attgattgat	tgattgattg	attgattgag	acagagtttc	actccattgt	ccaggctgga	126420
gtgcagttgc	acagtcttgg	cacactgcaa	cttctgcctc	ccagggtcaa	ccaattatcc	126480
tgctcatcc	tcccaagtag	ctgggattac	aggcaggcac	caccatacct	ggctaatttt	126540
tgtatttttag	tagagacagg	gtttcaccat	tttgccagg	ctgttctcga	actcctgacc	126600
ttaagtgatc	tgctgctttt	ggcctccgaa	agtgtctggga	ttacaggcat	gagctaccat	126660
gcctgggcag	taactgaaat	tctctaattgc	cattttcctt	atctgtaaag	tgacgataat	126720
atgcacgttt	acctcaaagt	tactttgatg	attaaagtaa	ggtaatgtat	ataaaaataca	126780
tattaacata	gtacctgaca	catggtaagc	atcaaaaaat	gttaactact	tttattacta	126840
ttattattac	gtatttttaa	ataattagag	agcagtatca	aaaattagct	gggcgtagtg	126900
geatgcacct	atagtccag	ctactcagga	ggctgaagct	ggaggattgc	atgagcctgg	126960
gaattaaagg	ctgcagtgag	ccgtgttcat	gcccctgcac	tccagccttg	gtgacagagc	127020
aagaccctgt	cttgaacaat	taaagaaggc	attatgccgc	aacgttagct	tagaaatgat	127080
ccacatatat	caccagtaac	tgtcaacagg	attggaaccc	tagttttggg	tattatgatc	127140
acaaggattt	attaatagct	tattaataat	aaagcgttgg	ctaggcacgg	cgactcacat	127200
ctgtaatccc	agcactttgg	gaggccgagg	tgggtggatc	acctgaggtc	aggagtttga	127260
gaccagcctg	accaacatgg	agaaacccca	tctctactaa	aaatacaaaa	ttagccgggc	127320
gtggtggtgc	atgctgttaa	tcccagctac	ttaggaggct	gaggcaggaa	aatctcttga	127380
acccgggagg	cagaggttgc	agtgagctga	gatcgacca	ttgcaactca	gcctgggcaa	127440
caagagcaaa	actccgtctc	aaaaatataa	ttataataaa	taaataaaaag	taaagtattg	127500
atgtttgtga	atgatttatt	cttctaataa	actagaggag	atttttccag	gaatttcaga	127560

gccagtgagg	ttatgttgct	tgtatgtgtc	atgtgtatcc	agggtgaaaa	acttaattaa	127620
acgctattat	ataataccat	acataaaaaac	tgaatttttag	gaataactgaa	gaatgacata	127680
tagaagtcaa	atcattaaat	agctagtagt	aaacagaata	gagtgtcagc	tgttacccaa	127740
tgatgataat	attttcacga	ttaaaattaa	accttttctg	attttaaagg	aaaagttcag	127800
atctgtatca	tataaagaat	gtaaattttc	agggtataaa	aattaaaaatg	cagagagaaa	127860
aatgcaaaaa	tagttcttac	tagatgtgtg	tatgtaagga	acttagacta	attttaagaa	127920
cactgtcaag	accctggtag	ttaggttagga	aaaaagacat	gaatgattca	ttcaacaaaa	127980
actttgagta	tttctgtgct	agatggtagt	gttacagtgg	taaacaaaat	aaatgtgttt	128040
ctgctatcct	ggagcttagt	ctacaaaaaa	ggtacatatt	ggccggggcac	ggtggctcac	128100
gcctgtaate	ctagcacttt	ggaagatcga	ggcgggtgga	tcacctgagg	tcaggagttc	128160
aagaccagct	tggccaacat	ggcgaaaccc	cgtctctact	aaaaatacaa	aaattaactg	128220
ggtgtggtgg	cggacacctg	taatcccagc	tactcgggag	gctgaggcag	gagaatcact	128280
tgaacctggg	agacagaggt	tccagtgagt	cgagatcatg	ccactgcatt	ccagcccggg	128340
ggacaaaagc	gaaaatacgt	ctcaaaaaaa	caaaaacaaa	caacaaaggc	acgtattaaa	128400
tacgaacata	aatatttaca	aattatactg	aataagttct	catgtttatt	atttgcttgt	128460
ccagttacaa	acttttcctt	cgtagaatta	gaaatataaa	taataaacat	gagaactcat	128520
tcagtataat	taataattat	taaatgtaaa	taaaaacatc	tatgtacaat	taggcattta	128580
tttaagaatt	atttgaaaaa	aaaacaatgt	ggaaacagat	attttgatat	attgctagtg	128640
attgaaattg	ataatgttct	tttgaagagt	aaagtgacca	tatatattaa	agttaaaatt	128700
taactcagca	atcacacgcc	tgggtgagtta	tcttaaggaa	atcagtttga	aagtaaaatc	128760
aatatatgca	caaagacttt	aacattttatc	ataaaccaga	aaaatcgagt	ttcaaattat	128820
atcctatgga	ctattttctg	ctaaaaagta	ttaatataca	ctttatgtaa	tactttcgtg	128880
acaaatatth	tgggggagaa	aacccaacaa	aattacatgc	attgtaattt	tttttttttt	128940
ttttttttta	gacagtcttg	ctccagcgtc	caggctggag	tgcaagtggg	caatctcggc	129000
tcactgcaac	ctccatctcc	caggttcaag	caattctcct	gcctcaggcc	tcccagtagt	129060
ctgggattac	aggcgctcac	caccatgcct	agctaatttt	tatagttttt	agtagagatg	129120
gggtttcatc	atgttggtcca	ggctgggtctt	gaactcctgg	tctcaagtga	tccgtctgcc	129180
tcggcctcct	agagtgtgta	gattacaggt	gtaagccact	gcaccagacc	ttatgcatta	129240
taattttaat	ttgtaaactg	tacaaaggga	taataactgt	agtacaacaa	gaagtaaaaa	129300
catttggtat	aggtagttaa	catttgtaac	cagtagaatt	ataggtaaaa	tttattttatt	129360
taaaacagtt	ttagttggat	ttgatttcaa	ctttaaaata	atgctttttca	tctctatcag	129420
gtctttttgc	ctggcttttt	gtccagcaat	ctttattata	aatatttgaa	tgatctcatc	129480
cattcggttc	gaggagatga	atctctgggc	gggaacgtgt	cgctgactgc	tcctggctct	129540
gttggccctc	ctgatgagtc	tcacccaggg	agtcttgaca	gctctgcgtc	tcagggtatta	129600
actgattgcy	tctgccatta	gggagaaaag	catacacatc	ctttcctttca	catcccagta	129660
acagatccta	ttattttgtaa	atttttaagtt	gtggaaaaaa	aagataaaaag	ccaggcacag	129720
tggcctgtgc	ctgtaatccc	agcactttgg	gaggctgcgg	tgggcggatc	acacgaggtc	129780
aggaattcga	gaccagcctg	gccgacatgg	tgaaccccca	tctctactaa	aaatacaaaa	129840
attagccggg	catggtggca	ggcacctgta	atcctagcta	cttggggaggc	tgaggcagga	129900
gaatcgcttg	aacccaggag	gcagaggttg	caatgaacca	aaatcacgcc	actgcactcc	129960
agcctgggtg	acaaaagtga	actgtgtctc	aaaaaaaaaa	aaaaaagaga	gaaataaaat	130020
tagcctactt	actatcttct	aatcaaagca	tttgtggtaa	cttaaaaatat	actgtattgt	130080
aaagtatcat	gctgtttcat	ttaggccatt	attctatttg	aatctgtggc	tgtttctctt	130140
aataaatcaa	gtaatatgga	atataattcat	agcctctgaa	gagctcttta	tgtaagtatt	130200
tatttaggat	actttttgta	aaataagtga	atgaattctt	aggctctcct	tttttttctt	130260
ttcttgagac	agggtctcct	cgctgcaacc	tggaaattct	gggctcaaat	aatccacca	130320
ccacagcctc	ctgaatagct	gggactagag	gcatgcacca	ccacgcctgg	ctaatttgaa	130380
attttttttt	ggccaggcat	gatgggtcac	gcctgtaatc	ccagcacttt	gggagaccga	130440
ggcaggcaga	tcacgaggtc	gggagatgga	gaccagcctg	gccaacgtgg	tgaaaccccg	130500
tctctactaa	aaatacaaaa	attagctggg	tatgggtggc	catgcctgta	atcccagcta	130560
cttggggaggc	tgaggcagga	gaatggcttc	aaccagggag	tcggagggtg	cagtgaagccg	130620
agatcacgcc	actgcactcc	tgcatgggtga	cagagtgaga	ctccatctca	aaaaaaattt	130680
ttttttttaa	tgatggagtc	ttgctgtggt	gctcaggctg	gtcttgaacc	cctgacctca	130740
aatgccgcct	gcttcagcct	aagtttcttt	tttttttgta	aagagacagg	gtcttgctat	130800
gttggccagg	gtagtctcaa	actcctggct	tcaagcagtc	ctcccacctt	ggcctctcaa	130860
agtgtctggg	ttacaggcgt	gaaccactac	ctataatgtt	gtgttttact	caaggccttt	130920
tgatttcggt	ttgcattacc	gtgccacatt	gtgcatttcc	ttgacctttt	ttgggttttt	130980
tggagtgcct	tcatatgtta	aaccatacct	gattctcctc	aaaatcacac	aaagtagaat	131040
atcctaagac	aagaaatcta	aggaggcata	aagaagttaa	ctgggttttat	taaactcaca	131100
cagtaaataga	tagagccaga	aatattcccc	ttctagtgtt	cttcaccatc	agcttaattgt	131160
agcataataa	ttttctaat	actgttgaca	aataaataac	cctttgaatt	ttcaataactg	131220
ggccttggtat	aaattttcct	aattttgtaag	agagtattat	cgtattgcca	tttacaagc	131280
tctcctgagt	atctttttct	tctgttaagt	ttacctagga	gataaactgc	tgagtatggg	131340
tgccattttg	gttttttgat	ataggttaga	atgtcttggt	tttttttttt	tttttttttg	131400
gtttttgttg	ttgtcattgt	ttgagacagc	atcttgctct	gtcgccagg	ctggagtgca	131460

atggcacgat	cgtggetcac	tgcaacctcc	acctcccggg	ttcaagcaat	tctcctgcct	131520
cagcttcctg	agtagctggg	attacaggca	tgtgcaacca	cacctggcta	atTTTTgtgt	131580
ttttagtaga	gaaggggttt	caccatgttg	gtcaggctgg	tattgaactg	ctgacctcat	131640
gatccacctg	cctcggcctc	ccaaagtgtc	gggatgtcag	gcatgagcca	ctgcacctgg	131700
ctgaatgtct	tgtttttgat	taggcactta	agaaaggcct	aggtactaac	cataaaatat	131760
atTTTTatac	cttttggtga	tactatatat	atagaaaact	gcacttatca	taaccttaga	131820
caccttgaag	aatgttcaca	agcagaacta	acctatgtga	cccagcatcc	agatcaaaaa	131880
cagcattatc	agccctctca	gaagccctct	tgggcccctt	ccattcactg	tccttcttgt	131940
caccagggtg	gctactatcc	tgacttttga	tggcatagat	tagcattacc	tgttcttgtc	132000
atTTTTataa	taaaaccata	ctgtgtattc	ttttcttgta	cagctttatt	gtgctaattc	132060
acatttacat	catacaattc	agtgggtttt	atatgggtcac	agagttaggt	aaccattacc	132120
acatcgattt	tagaacattt	ttttcactcc	agatagaaac	cccctttact	taaactccaa	132180
atccccact	ccaccagccc	taggcagcca	ctagtctact	ttttatctct	atagagacaa	132240
tagatttgct	tattctggac	atTtcataaa	catggaaccg	tatattatgt	ggctctttgt	132300
tgccaactgt	ctttcactta	gcatcatgtg	ttcaaaagag	catcatgtta	tccatgtttg	132360
gcatgtatca	gaattttatt	cctcattatg	gccaaatatc	ccattgcaag	gatttatgac	132420
atTTTTattg	aattgtaccc	tcctttctgc	catttatcaa	taatgctact	gtgaccattt	132480
gtgtacaagt	ttttgtgtgg	atacaggttt	tctttttgtt	tttaaatttg	aggtggagtc	132540
ttgctctgtc	gcccaggctg	gagtgcagtg	gcacaatctc	ggctcactgc	aacctctgtc	132600
tcctgggttc	aagcagttct	cctgcctcag	cctcccaggt	atctgggact	ataggcacgc	132660
accaccacgc	ccagctaatt	ttttagtaga	gatgggggtt	caccatgttg	gccagtctgg	132720
tctcgaactc	ttgacctcaa	gtgatccacc	catctcggcc	tcccaaagtg	ctgggattac	132780
aggggtgagc	cactatgccc	ggctgtgggt	ttcatttctt	ttgttgtata	tacataggag	132840
tagaattgct	gagtcaagag	gtaactctta	aacttattga	aaaactgcca	gattgttttc	132900
cgaaaaggct	gcaccatttt	gcaatcccac	cagcagtgta	tgagttttac	agcttctcca	132960
catttcattg	gaacttatta	tctgtttggc	tgtttttaaa	aatgatagtc	attccaataa	133020
gttctacttc	agtgtgggtt	ttgcacttct	ctgatgagta	atgatgttga	gcatcttttc	133080
atTtgcttat	tggcctttgt	tctagctttg	gaaaaatgtt	tattcaaatc	ctttggccat	133140
ttttattttt	atTTTTattt	atTtatTTTT	ttttgagacc	aagtctcact	ctgtcagcca	133200
ggctggagta	caatgggtgtg	gtctcagctc	actgcaacct	ccgcctcctg	tgttcaagtg	133260
attctcctgc	ctcagcctcc	cgagttagctg	ggattacatt	tcaggcacct	gccagcatgc	133320
cgggctgatt	tttgtatttt	tactagtgc	agggtttcac	catgttagcc	aggctgggtc	133380
caaactcctg	acctcaggtg	atctgcctgc	ctaggcttcc	caaagtgcgt	ggattacagg	133440
cgtgagccat	tgggcccagc	ctagattttc	ttttttcttt	ttttttttga	gaaggagtct	133500
tgctcttggt	gcccaggctg	gagtgcfaat	gcacaatctt	ggctcactgc	aacctctgcc	133560
tcctgggttc	aagcgatttt	cctgcctcag	cctccccagt	agctgggatt	acaggtgcct	133620
accaccacac	ccagctaact	tttgtatttt	tttttagagac	agggtttcac	catgttggcc	133680
aggctgggtc	caactcctga	cctcaggtga	tccacctgcc	ttggcctccc	gaagtgcctg	133740
gattaccggc	atgagctacc	aggcccagcc	aattttctca	ttatatggcc	caggctgggtc	133800
tcaaactcct	gggttcaagt	gatcctcctg	ccttggcctc	ccaaagtgtg	gggagtacag	133860
gcgtgagcca	ccttgctcag	cccctttgcc	cattttttaa	ttagattgcc	tttttatatt	133920
gagtttcagg	agtcctttat	atattctaga	taaatgtccc	ttatcaaatt	atattatttc	133980
caggtatttt	cttcattctg	tgagttgtct	ttcctctacc	ttttaaaaaa	gggtgggtttt	134040
tgtttggttg	tttgtttgtt	tttttaagat	aaggtctcat	tctgctgccc	aggctggagt	134100
gcagtggcac	aatcacagct	cactgccacc	tcaacttctt	gggccgaagt	gatcctctta	134160
cttcagcctc	ctgaatagct	agggccatag	atacacacta	tcacacccag	cttttttttt	134220
ctgtttgtag	agacagatct	tactgtgttg	cccaagttag	tctcaaactc	taggctcaaa	134280
gtgattctcc	cacctctgcc	tcccagagtg	ctgggattac	aggtgtgagc	cacacgcaac	134340
ctgtcttttc	actattaata	gtgtcttctt	gcttcagcct	cccagtagc	tgggattaca	134400
ggcaccaccc	accatgcctg	gctaattttt	ttgcattttt	agtagagaca	gtgtttcacc	134460
atgttcaccc	ggctgggtctt	gaactcctga	cctcaggtga	ttcacctgcc	atggcctccc	134520
aaagtgcctg	gattacaggg	gtgagccact	gcacccggcc	aaaatatattg	cttcttaaca	134580
gtattgtctt	ctaatttggtg	aacatggatg	tatcttcatg	tatttatgtg	ttctttcatt	134640
tcagcagaat	tttgtagttt	tcagagtaga	agcctttcac	ctccttgggt	catttatctc	134700
tatgttttaa	gttctttttcg	attccattat	aaatagaatt	gttttcttaa	tttcattttc	134760
agattgtttg	atgagagagc	atagaaatac	aagtgatttt	tacatgttga	tcttgcaact	134820
tcaactttga	taaatctgat	tgttagctct	aatagttttc	ttgtggattc	tttaggattt	134880
tcaatatata	agatcatgtc	atTtatggat	agagatagtt	ttttttctgg	ctagaactta	134940
cagagcaatg	atgagtagaa	gtggcagaag	caaaaatctt	tgtcttggtt	cctatctgac	135000
agggaaagct	ttcagtttca	tcattttaata	tgatgttagg	tgtgggtttt	caataaatgc	135060
ctttttttcag	attcaggaat	ttccctatca	ttcctgattt	tttaaggctt	tttttttttt	135120
ttaaatcatg	aaagggtgtt	gaatattgtc	atgttctttc	tgtatcagta	taaatgatcc	135180
tatggatttt	gggttttatt	ctgttgatgt	gaaatattaa	ttgattttca	gatgttaaac	135240
caaccttgca	tacctgagat	gaatctcact	tggctcatgg	gtataatctt	ttcaatatgc	135300
tgctggattc	catttactgg	tattttgttg	aagattttgt	atctgaacgc	ttaagataac	135360

atttacactc	tatcagaaat	gaattgacca	taaatgtgag	agtgtatttg	tgggttcttg	135420
attctcttcc	attccaaaga	tagacataca	tccgtctgta	tgtctgtctt	tatgccagta	135480
ccatactctc	ttgattacta	ttgctttgta	ataagttttg	aaatcagaaa	gtataaatga	135540
gatttttgga	tctgagtaac	agtcctcata	gaattagttg	ggaaatattc	cctctttatt	135600
ctgggtccctc	tttctttttt	gtttaactgt	gtatcttgga	gattgttcct	tctcaacaca	135660
tgagagccgc	tttccctacc	ctcccacccc	tgctatagag	aggctctataa	gtgtctgttc	135720
aattatttta	tttacttaac	ctattactta	gtcggggaca	ttaagcttgt	ttatgtcttt	135780
tatttttaaac	aatgctgcag	tgaataatct	tgtatataag	tcattttcca	tcaatataag	135840
tctctctgta	actgaatttt	tagaagtggg	atttctaggt	caacctatgg	ctctgtattt	135900
cacaaaaata	ccaattctgg	tttttcttgt	ggaggtgggg	agtaggaggt	agaatgctgg	135960
aggagaactt	gctgtactca	gctggctagt	cattttagaa	aggtttcctt	agcttctttt	136020
tgtcatatgg	cctcaccaag	aatcaaaaac	attcctattt	accctgtaaa	catggggcct	136080
tactacccaa	gatacatatt	tctggatgta	tgacagcttt	tcataattgaa	gaaataatgc	136140
tgtgagtaca	gcacatttgt	tgggaacttag	gtcgttaaga	atgtcttata	aattcataca	136200
ttatacatatt	tatttttattt	tatttttttag	tttttgatac	agagtcttcc	tctgtcgcct	136260
aggccagcgt	gcagtgggtac	aatcttgggt	cactgcgacc	tccatctcct	gggctcaagt	136320
gattctcatg	tctcagcctc	cagagtagct	atgggttacag	gcattgcacca	ccatgcccgg	136380
ctaattttttt	tatttttttagt	agaaactggg	tttcaccata	ttgaccatgc	tggcctcgaa	136440
ctcttggcct	caagtgatcg	gcctgcctca	gcctcccaaa	gtgctgggat	ccttgtattg	136500
ggtaaaagat	gaatattgag	ggctgcatgg	tggctcatac	ctgtaatccc	agcactttct	136560
gagactgagg	tgggaggagt	cctggagccc	aggaggggtga	ggctgcagtg	agttgtgatc	136620
gcgccattgc	acttcaacct	aggaattata	ggcttcagtc	actgtgcccg	gcattgtacat	136680
tttaaatattg	tgccttccct	ttttagctat	agtatgaggt	tacatttcag	agtcattggt	136740
gttaagcatc	ttaatagtga	tgaggttgag	tgaaagttac	ttctatttca	aacactgaag	136800
aaaattttgt	acaaatctgt	cacattccaa	gcccaggact	gattgtttca	tatacttcta	136860
attttacaat	ttctattgta	gtccagtgtg	aaaaaagcca	gtattaaaat	actgaaaaat	136920
tttgatgaag	cgataattgt	ggatgcggca	agtctggatc	cagaatcttt	atatcaacgg	136980
acatatgccg	ggtaagctta	gctcatgcct	agaattttta	caagtgtaaa	taactttgca	137040
tcttttaaat	tttttaatta	aattttacat	ttttttctaa	tctattatta	tatgcccaga	137100
actttcactt	agagtgtgca	gtataatgtg	gtggtttaagt	ataaaggctc	tggagtgact	137160
tcctgggttt	taatcttggc	tctgccattt	attggcagcc	gctaacctct	tggtatctca	137220
gtttcttcat	ctgtaaaatg	agaataataa	agtgaagaag	tgccaacatc	atttactctg	137280
ggctgcataa	ctgatacttg	gaaaaagtat	tcctttgagt	ttagaatta	agttggttat	137340
tcatttttagc	ttgtaataaa	aagatagtga	ttcataggat	atgccactta	ctgaaattta	137400
ccacagatcc	aatcataaaa	tcactttctc	ttccctaaag	atagcttgat	taacatgtaa	137460
agggtgtgta	aggcttgatt	acactaccct	gatccgtacc	ccagttccca	gcagcaccat	137520
gaaaaaggga	tttcaacata	tttaattact	ttcagtagaa	agtaacagtg	gtaggccagg	137580
cgcagtggtc	cacacctgta	atcccagcac	tttgggaggc	cgaggtgggc	ggatcacgag	137640
gtcaggagat	tgagaccatc	ctggctaaca	cgatgaaacc	ccgtctctac	taaaaataca	137700
aaaaatttagc	cgggcatggt	ggcaggcacc	tgtagtccca	gctacttggg	aggctgagac	137760
aggagaatgg	cgtgagcccg	ggaggcggag	cttgacagtga	gcttagattg	tgccactgca	137820
ctccagcctg	cgcagtggag	cgagactcct	gtctcaaaaa	aaaagaaagt	aacagtggta	137880
ttgggagact	gaggagccta	gaaagtactt	gaaggaaagta	aaaggtttgt	ttgaccacat	137940
tgtattttgga	aagccagctt	tttcagctgt	gtcagctttg	tgtagtgtat	tttagttctt	138000
cttttagaaa	ataacggaca	aggccgggca	cgggtggctca	cgctgtaat	cccaccactt	138060
tgggaggccg	agacgggccc	attacctgat	ctcaggaggt	cgagaccagc	ctgggcaaca	138120
tggtgaaacc	ccgtctctac	taaaatacaa	aaagttagcc	gggcgtgggtg	gcgtgtgcct	138180
gtagtcccag	ctactccgga	ggctgaggca	ggagaattgc	ttgaacccgg	gaggcggagg	138240
ttgcagttag	ccaagatcac	accattgcac	tgacagctgc	gcgacagagt	aagactctgt	138300
ctcaaaaaat	aataataaaa	taaaaaagaa	tggacagtaa	acctaataatga	gttcattccc	138360
aaagatgatg	ttattcttaa	gggatgggtc	atttatttaa	gaccttacat	aaagtctatc	138420
aattgcgtga	tttttcaactt	ctgtaattgt	gtgtatgtat	aatgtaaata	tatatgtttt	138480
tgtttttgtt	tggttttttg	agacggagtc	tcgctctgtt	gctcaggctg	gaatgcagtg	138540
gtgcaatctc	agctctctgc	aacctctgtc	tcccagggtc	aagcgtttct	tctgcctcat	138600
cctcccaagt	agctgggact	acaggcacgt	gccaccacgc	ccggctaatt	ttttgtattt	138660
ttagtagaga	tggggtttca	ccgtgttagc	caggatgggtc	tcaatctcct	gacctcgtga	138720
tcaccccgcc	ttggcttccc	aaagtgttgc	tattacaggc	atgagccacc	acaccagca	138780
tgtattttttt	aaatgtataa	aatgaagcag	aaaagagaaa	tgataatttt	tcttcatctt	138840
gaaagattat	cttcaccagg	cgcagtggct	cacacttgta	atcccagcac	tttgggaggc	138900
ctcggcaggc	ggctcacttg	agttcgaaac	cagcctggcc	gacatgggtga	aactccgtct	138960
ctactaaaaa	taaataaata	aagatgggtt	taatatatgt	tttagtttta	tgatttttagc	139020
atctttctga	aattttttctc	aaggcaagta	aatttgtatc	agttgggtata	ttgggtaccca	139080
tctatgaaat	aacttatttag	gaagatatct	ctaaaataag	atcactttgc	ctaaaataaa	139140
ctgatataatt	gatgttcaca	gaatttttct	tttaaccgac	ttgataaatg	cattattctt	139200
gacgtcaagt	gatccacctt	cctcagcctc	ccaaagtgtc	gggattacac	acatgagcca	139260

ccgcacctgg cattattcctt ataaaagggtt aaattttctag ttaagtttaa tgtcctcttt 139320
 gttcatgtac cattgcttat tttcttccct tctactcac agtaatcatt cttatggtat 139380
 gcacttttgt ttgcttattt ttatgtaatt gatattacgc tccattctgt acgttgtact 139440
 ttcattcaca gtgagttttg gacattccta tgttcatcta tacagactta cttcatttta 139500
 actacactgt agtattccgt atgtaaatatt tactataact catcactgta gcagagcatc 139560
 tcatagtgtg tgtattactg ttttgccatt ttggtatcaa tgagtattta agtcatttgc 139620
 agtttttccc tcttataccc agtattacag aggatctctt tttatatgct tctttgtacc 139680
 aagaggcaga ttaaaaaaatt tttttttgaa aaaatttttg aaaaaaaatg aaatgaagtc 139740
 tcaactatgtt gccagggctg gtctcaaact cctagggtca agcaatcctt ccatcttggc 139800
 ctcccaaagt gctgggggta caggcatgag ccaccatgcc tggcctacat tttaaatttt 139860
 gatagctctt acaatttact ttgtaaagta tctgcatcat tttatgttct caccagtctt 139920
 taataagaat acttcatact tttggctgga cacagtggct cagcctgta atcccagcac 139980
 tttgggaggg cgaggcgggc agatcaagag atcgagacca cctggccaa tatggtgaaa 140040
 cctgtctct actaaaaata caaaaattag ctgggcgtgg tggcgcaccc gtagtcccag 140100
 ctactcgaga ggctgagaca ggagaatcac ttgaaccgg gaggtggagg ttgcagtga 140160
 cttagatcac accactgcac tccagcctag caacagagtg agactctgtc tcaaaaaaaa 140220
 aaaagaatac ttcagactta atttttttct cagtcttaag tgtttgctaa tgagattgag 140280
 tttcttttgg tatgtctctt gattgttcag gttttttctt ttatgaattg actgttcatc 140340
 tctttttcac attatttctg ttgggtgatt ttattagtga cttgttaaaa ttctgtatat 140400
 tttttcagca tgacacttca ttattcaaaa aaaaaaaaag attctctatg tttctcgata 140460
 ctaatcattg gttggttaata ccttaaaaat aagaccctta ctgtattttt tgcctttttt 140520
 tttttttttt tttttttttt tttgagatag agtcttgctc tgttgcccag gctggagtgc 140580
 aatgggtatga tctcggctct cagctcactg caactgcaac ctctacctcc ctgtttcaag 140640
 caattctcct gccttagcct cccaagtagc tgggattaca ggcacccacc accacacca 140700
 gctaattttt gtatttttag tagagacagg gtttcacat gttggccagg ctggtctcaa 140760
 actactggcc tcaagtgatc cgctgcctc ggcacccaa agtactggga ttacaggcat 140820
 gagccacagt gcctagccac tttttgcttt ttaactttgt tttatagtac tatagtttta 140880
 gtataaacag atgtatgtat acacacaact atggctttat aatatgtttc agtcattgtt 140940
 agagcaaggc ctaccttttg ggtgcttctt ttacaaaatt gtcttggtta ttcttgtgcc 141000
 ttttttctta tttgtgaatt ttagaattgt gaattacctg ttgactcacc atgttttgta 141060
 aactgaggat tttgaatgga attgcactca attaaagatt atcttgcttt ctgtgcagca 141120
 atgttttatt tcaataatc cctactttta attacttagg atagctataa attgtgtttc 141180
 tggctttcta gatttagatg aaacgcttta aattgattgt tttctcctaa atttaaaact 141240
 gattgttaga agttaaagtc ttctgttcat tcttatttag gaagatgaca tttggaagag 141300
 tcagtgaact ggggcaattc atccgagaat ctgagcctga acctgatgta aggaaatcaa 141360
 aaggtttgtg gtgtttttat acttcataat aagcctttac tcacattagt gattgactgt 141420
 aagtcaaaga ccacttaagg tttaaactgt ttattttgta aagtaaccac tgtatctttc 141480
 acctgtgtt tatagtcaga agtaagtaca agggcttctt gtagtacat ctttatgcaa 141540
 tctcctctga atcaaaagtt agtgaacttg ctttgccact ccagaaggca catgaatatg 141600
 aaaaagcatt gtctattttc ttattttaat gcaaaaatac cgacctaaag tggacttaat 141660
 gtttgagacc gtttattttt ttaaattata ttttttctct tttctttttt ttttttgaga 141720
 cagttcttgc tctgtcacc cagaccggagt gcagtgggtc gaccgcacct cactgcaacc 141780
 tctgcttctc aggttcaagc gatttttctg cctcatcctc ctgagtagct gggactacaa 141840
 gtgcgcacca ccacacctgg ctaatttttg tatttttagc agagatgagg tttcaccacg 141900
 ttggctaggc tggctctata ctctgacct caagcaatcc atccgccttg gcttcccaa 141960
 gtgctgggat tacaagtgtg agccaccatg cctggcctta ttaaattatt tttattaaat 142020
 ttcctcaaga ttgatgaaag taatgaaata taaaagtaat gaaatatatg tggaaaatag 142080
 actggattaa gaaaatgtgg cacatataca ccatggatac tatgcagcca taaaaaagga 142140
 tgagttcatg tctttgtag ggacatggat gaagctggaa accatcattc tgagcaaact 142200
 gtctcaagga tagaaaacca aacaccgcat gctctcactc ataggtggga attgaacaat 142260
 gagaacactt ggacacaggg tggggaacat ggctgtcgt ggggtggggg 142320
 gctgggggag gaatagcatt aggagatata cctaataata atgacgagtt aatgggtgca 142380
 gcacaccaac atggtacatg tatacatatg taacaaagct gcacgttgtg cacatgtacc 142440
 ctagaactta aagtataata aatttaaaaa aaataaatat atgtggaaaa tattaatagg 142500
 tcaaaattca aattgttcat ttaatcagaa gagtagttta gtcaaataca agggttagac 142560
 aacagaaatc tttttgtca agtgcattct ttgtgactga tttcattttc ttcctgggtt 142620
 acacaggaag atttcagaaa caaatgtgga tccgtgacag atggtatcta gaagttttta 142680
 gtttggttga attgacagta ttttattgag taaaagatac taatttttgt aagaagaaa 142740
 attcaatttt gataagtatg tttaagatta agagctattg gccaggcgt gtggctcatg 142800
 cctgtaatcc tagcactttg ggaagctgga gcagggtggg cagcagggtc agagattgag 142860
 accatcctgg ccaacatggg gaaaccctgt ctctactaaa ttagccaggc gtggtggcac 142920
 atgcctgtgc acccgctcc gggtttaage gatectactg cctcaggctc ctgagtagct 142980
 gggattacag gcgccatggc taatttttgc atttttagta gagacagggt ttcactacat 143040
 tggccaggct ggtctgggtc caaactcctg acctcagggt atctgcccgc cttagcctcc 143100
 caaagtgtcg ggattacagg catgattcac catgtctggc catttatctt attttctttt 143160

tttttttttt	ttttgtttga	gacggagtct	tgctgtgtcg	cccagagctg	gagtgcattg	143220
gtgcgatctc	agctcactgc	aacctctgcc	tcttgggttc	aagcaattct	cctgcctcag	143280
tcttccaagt	agctgggatt	acaggcgctg	gccaccacat	ctagctaatt	tttgtatttt	143340
tagtagagac	agggtttcac	catgtttggc	aggctgggtc	cggaactcct	gacctcgtaa	143400
tctgcccacc	tgggctccc	aaagtgtgta	gattacaagt	gtgagccact	gtgcccagcc	143460
atcttatttt	ctttcttttt	ttttgtcggg	tgggaggggg	acagagtcta	gctctgtcgc	143520
caggcttggc	tcactgcaac	ctctgcccc	caggttctag	caattattct	gcctcagcct	143580
cccaagtagc	tgggattata	ggcacctgcc	accacgcctg	gctaattttt	tgttattttt	143640
agtagagatg	gggttttgct	atgttgacca	tgctggcctc	aagtgatccg	cccaccttgg	143700
cctcccaaag	tactgggctt	acaggcgtga	gcttgtattg	ggtaaaagaa	caatattggg	143760
ggctgcatgg	tggttcatac	ctgtaatctg	agcactttgt	gagactgaga	tgggaaggag	143820
gttggagccc	aggagggtga	ggctgcggtc	gcagtgaatt	gtgatcacgc	cattgcactt	143880
ccacctaggt	aatggagcaa	gacctgtctc	ctaaaaaaca	aaacacaatt	tttttaagga	143940
atactgggaa	gaggtcagtg	gtggttttag	aacagaggaa	gtgccagatg	acctttgtga	144000
ggcattggcc	aggaagaact	ctacagtgtc	tttaggtagc	ttctgtccat	aaggataatg	144060
gggtctcctc	cccagtatta	atagaaaatc	tctgagctgt	ttttttttgt	ttgtttgttt	144120
tgtttttttt	tcttgagatg	gagtcctctc	ctgtcggcca	ggctggagtg	ctgtggcgcg	144180
atcttggctc	actgcaagct	ctgcctccca	ggttcacacc	attctcctgc	ctcagcctcc	144240
caagtagctg	ggactacagg	tgtccaccac	cacgcccagc	taattttttg	ttatttttag	144300
tagagatggg	gtttcaccat	gtcagccagg	atgggtctga	tctcctgacc	tcgtgatccg	144360
ctcgcctctg	ccttgcaaag	tgctggagtt	acaggcgtga	gccaccgtgc	ctggcctggg	144420
ttttttgttg	ttgttattta	tttatttatt	tatttatttt	ttgagacaga	ctctcgctct	144480
gtcgcctggg	ctggagtgtg	gtggcacgat	gtcggctcac	tgaagctctc	gcctgccagg	144540
ttcaagccat	tctcctgcct	cagcctcctg	agtagcaggg	accacaggcg	ctcgccacca	144600
cgcccggtta	attttttgta	tttttagaag	agacgggggt	tcaccgcatt	agccaggatg	144660
gtctcgatct	cctgatgtcg	tgatccgccc	acctcggcct	cccaaagtgc	tgggattaca	144720
gggtgtgagc	accgtgcctg	gcctgatttt	tttttttttt	taatctgggtc	tcataacctc	144780
gacagctcat	gaagaagtgc	tcttgcctca	tatgtatatg	tgtagcata	gtgttaacat	144840
agcataggtg	ttcgggtgtt	gcagtttctg	tttgttttat	atgaattaa	gtgtattatg	144900
agcagttgaa	gatatatagg	aaattttttc	ccaaaccact	atctctgctc	gttctattca	144960
ttcagtcctg	ttatgttatt	ccttcattca	ttcattttat	agaacagtgg	agtgcctact	145020
gtatgcatct	attgttctgg	gtcctgggga	agaaaacaaa	gttcctgctt	tcattggaact	145080
tacattatat	tggcggagac	agtaacagac	aaacaaatgt	agcctgtgta	catgtgttac	145140
atgaaaagca	gggtaggggg	ctgggagaga	gtagtaggga	gtgctatttt	cgaggtgggt	145200
gtcaggaaag	gcctcactga	ggaggtggca	ttttgagtag	acctgagcgc	agcggggggc	145260
taagcccagg	cagcatgtgg	aggaagagtg	ttcttgggtg	aaggaacaag	gatagaggcc	145320
cgaagctaga	gagctcagca	tgatcaagga	acagcaagcc	ccgtgtggct	ggaatggagt	145380
gagcaaagga	atgagcagta	gaaggtgagt	gagttgggag	gtcaccagag	accatggcaa	145440
ggacttgaaa	gtgtcagggg	cacattggaa	gttggagcag	ggaaatgatg	ggatttatgt	145500
tttgtttttg	ttttatgttt	agtgttttta	agggattgct	ctatcagcta	tttggaaaat	145560
ttagtgtagg	gcttcaagaa	gagaagcaga	gaaacaacat	tcttgccata	gtcatagtct	145620
aagtaaggga	tgatggtggt	gtggattagg	ctggtagtgg	aagaccagtc	cagttcgggt	145680
tgtatttgaa	ggtagaggca	aaaagattat	atttctacca	gcaagcccat	ctatgaagt	145740
acttgtatta	ttaatttaat	tgagacatgc	ccacataaac	taataaatag	gaatttctgc	145800
agtttggtta	aacacccctg	tatatcctgg	ttcttctttt	agttgtccag	atgtctcttt	145860
aagtcaagta	ttttttgggtg	gtgtaggagc	ctagagattg	aattttattca	cccaaaaggc	145920
atttgagtga	ttactatgtg	ccaggcacta	tgctgaatgc	caaggatgta	aataagaggg	145980
cgtagtctca	gtctgtttta	ctccagcttg	gttctttttt	aatgaccctg	acttgttaag	146040
catatcagtt	atcctacaga	atgtttaatc	ttctgtactt	tcttgggtgt	gttatttagc	146100
ttatttctct	ttccttgaca	tttcttgtaa	actggaagtt	acacctatag	tcttgatgat	146160
tcgtgttaca	catttttagat	tagaacacat	catgtgttgt	atatggtgtt	tttgaaagcc	146220
tctctgtata	ttggtctgta	cattaaaatg	ttgcctgaat	ggatacacat	aaaatttaac	146280
agtgattaca	ttagagatga	gaagaaagag	gtgcctttta	cttttcaata	taccttttcc	146340
tctgcttttt	gaactttctt	gccctatgca	tacgttattg	cttaatcatc	cacctcatct	146400
cttccctctg	ggctttctgt	tgcatthgga	atgaaatcta	gcctctttgc	tgttacctgt	146460
ggatgtccct	tgctggcctc	tatcacctta	ctttgaacca	ctcctttcat	ggactgagct	146520
ctcattggac	tatcttttat	tcttttgctg	aagtttcttc	actttgagtg	cctctgcagt	146580
tgctatttca	tggctgtggc	aagccctgcc	atggctttca	tgaaggatg	gttccctcct	146640
ctcatctcaa	tattatctct	tcagagaggg	accttcccaa	ctccgatgat	ctaaaatcct	146700
ttgtatatac	cactcactac	cacttctttc	ttttcttttc	cttttatctt	tttttttttt	146760
tttttttttt	gagatagggt	cttgctctgt	tgcccaggct	ggaatcacga	ctcactgcag	146820
cctcatcttc	ttgggctcaa	atgatcctct	cacctcagcc	tctcgagtag	ctggaactgc	146880
aggcacacac	caccatactt	ggcttattat	tttacttttt	gtagagacag	ggtttcacca	146940
aggctgggtc	caagctcctg	ccgcaagcaa	tccacatctc	tcagcctccc	aaagtattgg	147000
gattatagga	gtgagccact	actcctggcc	tattttctta	ttcactgtct	aaaattatct	147060

tggttcattta	tttacatact	tgttttatagc	ttattttctca	gctggacatg	gtgcctcaca	147120
cctgtaatct	caatactttg	ggaggctggg	ttggagaatt	ggttgagccc	aggacttcaa	147180
gaccagcctg	ggcaacaaag	tgagaccctg	tctataaaaa	attgtttaaa	aattagctgg	147240
gcatgggtggc	acatgcctgt	ggtcccagct	acttgggagg	cagaggtggg	agaatcgctt	147300
gggcccagga	ggttgaggcg	acggtgagcc	atgattgtgc	cactgcactc	tagcctagtg	147360
acagagtggag	accatgtgtc	taaaaagtaa	ataaaaaatag	tttctctttc	atgactagaa	147420
tattacctct	atgtgggcag	ggagtttgtc	tatactatct	ggcactatat	ttcctgattc	147480
tgaaattatg	cctagcacat	ggtaagtact	ccttaaatat	ttattgactg	aattatttaa	147540
tacttaagaa	tttcatttgg	gattatctga	gtggtaagat	tacggattat	atttatgtaa	147600
gaaaaaatca	tttttttaaac	ttgggttggcc	tttgccacac	tgacatagac	actaagtttt	147660
cttagccaga	ttacttccga	ggatactcac	agaggccatt	ctcttctcaa	tccccaaata	147720
attgatattt	cttagcactt	tcaagctaata	gcaattctta	gatgatgtat	ctgtgtatat	147780
catatcctca	ttctacaaat	gtagaaattg	aagtctgggc	acagtggctc	tcacctgtaa	147840
tctcagcagt	ttggggaggcc	aaggcgagcg	gatcactgag	gacaagagtt	aagaccagcc	147900
tgggccaacat	ggtaaaagcct	tgcctctatt	aaaaatacaa	caattagggc	cgggcgtggg	147960
ggctcacgcc	tataatccca	gcacgttggg	aggccaaggc	aggcagatca	cgaggtcagg	148020
agttcgagac	catcctggct	aacacagtga	aaccccatct	ctactaaaaa	tacaaaaaat	148080
tagccaggca	tggtggcacg	cgcttgtagt	cccagctatc	gggaggctga	ggcagggtgaa	148140
tccttgaac	ccgggaggcg	gaggttgcaa	tgagctgaga	ttgcaccgct	gaactccagc	148200
ctgggtcaaca	gagggagact	ctgtctcaaa	aaaaaaaaaa	aaaaacaatt	agccaggcgt	148260
ggtggcgggt	acgagtacct	gtaatcccag	ctactaggga	ggctgaggga	ggagaatcac	148320
ttaaaccag	gaggtggagt	ttgcagcggg	ctgataatgc	accactacat	tccagcctgg	148380
gcaacagagt	gagactctgt	cttaaaaaaa	aaaaaaagaa	agaaagaaat	tgaggaatgt	148440
ggagattgtg	gtctgtgatt	tgtaggaat	cacacagcag	gttagtagca	actacagggc	148500
tttggttcag	aataccacct	tgacaatggg	ttgtttacag	ttcggtctcc	cttcctctgc	148560
ctttctctcc	ttccttattg	agggcagctg	gaaagaattt	tcatacttta	ctagcctata	148620
gctttaattt	gagttttgaa	accttgataa	tagagcacag	aggaaaagac	tgagttttct	148680
ttttttgaga	cagtcttgct	ctatggccca	ggctggagtg	cagtgcacc	atctcagctg	148740
gttgcaacct	ctgcctccca	ggttcaagca	attctgcctc	agcctctcga	gtagctgaga	148800
ttacaggcac	gtgtcaccac	gcccagctaa	ttttctgttt	ttgtttcgtt	ttgttttttt	148860
ctgagatgga	gtcttgctct	gtcaccagag	ctggagtgca	gtgggtgcgat	gttggctcac	148920
tcaaacctct	gtctcctggg	ttcaagcaat	tcttctgcct	cagcctcccc	agtagctggg	148980
actacaggta	cgtgccacca	tccttagttc	atttttgtat	gttttagtaga	gatgggggtt	149040
cactatgttg	accaggctgg	tctcgaactc	ctgatctcag	gtgatctact	cgtctcagtt	149100
tcccaaagtg	ctgggattat	tggcacacgc	ctatttttgt	atttttagta	gagacggggg	149160
ttcaccatgt	tggttagact	ggtctcaaac	ttctgacctc	aagtgatttg	cccggccccag	149220
cctcccaaag	tgctgggatt	acaggcgtga	gccaccgtgc	ccagccaaga	ttgagttttg	149280
aaaagagcct	tctgagatta	tgagaagggc	aagcaagata	acttaagaag	ttacattaaa	149340
atcatctaa	agacagtgtg	acaagaagga	attgtaaaat	gatgttatga	gcacgtgccc	149400
aatgtagtgg	caatcccttg	tgcttcgata	cattgggtggg	agacaaaact	gtacttaaat	149460
tgataaatcc	cttacatgtc	atttttaagga	gcttagactg	actcccatca	tgtagacatc	149520
agagatttct	tttttttttt	tttttttttt	tttttttttt	tttgtgacag	agtttttgctc	149580
ttgttgccga	ggctggagtg	caatggcgtg	atctcggctc	accacaacct	ccacctccca	149640
ggttcaagca	attctcctgc	ctcagcctcc	cgagtagctg	ggattacagc	catgcaccac	149700
cacgcctggc	taattttgta	tttttagtag	agacgggggt	tctccatggt	gtggctggctc	149760
tcgaactcct	gacctcaggt	gatcctcccg	cctcagccac	ccaaagttct	gaaattacag	149820
gcgtgagcca	ccgcgcccag	cccagagatt	tctaaacaga	gttctaacca	gatgcttttc	149880
cctgtcagta	gaatgagaat	gaattggagg	tgggagagac	tggcatgagg	gacaccagtc	149940
agccagtggg	attagctggg	aatgttgata	ggagaagaaa	aagattcaaa	gttaggtagt	150000
ggtagcaaga	attagagggg	aggctcgatt	tatgatattg	ccaagggtga	attctaagggt	150060
gaaattttgg	ggcagatttc	atgtgtaaat	tgggaagggt	gattgagttt	ttttaacatg	150120
gggtttctaa	catgtcaata	gagtgactct	gcaggggggc	ctgacgagag	aacagtgcac	150180
gggggtgattc	aacagccagt	tgagccttca	tgacagagcat	ttaacactgt	gactctgtag	150240
actctgggtg	gcagtaaaat	ttcatttaaac	caatatttaa	acccttaggt	aataataaaa	150300
attgagggaa	aaggatccag	gtttttgtatt	ttttatgaat	tcagttattg	aattaaacag	150360
gaccttgctc	caagaaataa	tctaccaaca	attaacttgt	tttaaagcaa	agttaggaag	150420
tgagcatggt	caaattatta	aataaaaaag	taagctgtgt	atttcattca	tagaaataga	150480
ggctggccta	cttcggatga	ttctcagcat	gtgattacag	atgtgggctt	atacatccta	150540
gggagttaag	gcgtactctg	gcttggatag	agtagagctc	tttgaaactc	ttctctcacc	150600
cagctagttt	atatagacta	gagaactaga	atgtagcagc	atactctgtc	ttagaagccc	150660
ttttatatag	gagctgggtc	ggaaggtttg	aaaacataac	aaatgtgttg	gtgtctccca	150720
atgtattgct	agattcttac	ccaagagcat	tatcctgggt	agggtttggg	ttgggttttgt	150780
tttgtttttt	aatgtttgcc	acaaactaac	actagatgtt	agttctttca	tcaagtgagg	150840
agagtagaag	aaaagtccag	aactctgaaa	caccttttca	aaagtttttc	aagccatgat	150900
gtttgcaagt	taaatgctct	gttatgtaag	caatataatc	agttttttatt	aatgtaacat	150960

tccttagtgt	tttgggggtat	cacacaaaaa	agaatatcca	tatctggaag	caacagcttt	151020
taaataagag	cattgtggtg	gtggtggtga	tagtggtttt	tttttttttt	tttgagttgg	151080
agtctcgctc	tggtgcccag	gttggagtg	agtggcacga	tctcagctcg	cttcaacctc	151140
tgctcccagg	ttcaagcaat	tcttctgcct	cagcctcctg	agtagctggg	attataggca	151200
cctgctacca	tgcttggtg	atttttatta	ttttagtaga	gacaggtttc	accatgttgg	151260
ccaggctggt	cttgaactct	taacctcagg	tgaatcaccc	acctcggcct	cccaaagtgc	151320
tggaattaca	ggcatgaacc	accatggcca	gccaaataag	agcattttta	atgtaaaatt	151380
atgcatgaaa	tgtacattca	attttgtctt	tgtttactag	gatccatggt	ctcacaagct	151440
atgaagaaat	gggtgcaagg	aaatactgat	gaggtaaatac	ctacctttag	gataaaaaga	151500
tttctgttta	taagtgccac	cctcatgtaa	gtgaggttta	aaattttcct	tttcttttagg	151560
tcccatgttt	aagcagcatg	gcacatttat	gttctcttac	ccagaatgta	ccaagaaagg	151620
gtggtccctt	cttaacatct	aacaattgcc	tggtagtagc	agtgaaggta	tcttcagtca	151680
gaggctagga	ccactgaagg	atatacatgc	attcaagttt	ccatcagcca	gcaggcatca	151740
gtaatcagtg	tgtagatcaa	aagctcaaat	gtttcccttc	ccactggcag	ttttacttca	151800
agtagtgagg	gcttgctttt	ttaatagtta	attaagtaca	ttgagagatg	ggaggtgaaa	151860
aaaggaaaat	gttttatttt	gaccatctaa	tatgaaagta	gttcggtggt	aggtatccag	151920
tagttgacac	tggaagacag	ggaatgacat	gttaatatcc	atagccagag	ggtggcccag	151980
gttttttctg	acatgggaat	gaaattctta	tccaaataag	tagaaattat	gtgcgtaagc	152040
catttggttaa	gagcactgag	tatgtgcac	tcgatccatc	taatgaataa	ccattatcac	152100
cagtttaaat	tattttcttt	aggcccagga	agagctagct	tggaagattg	ctaaaatgat	152160
agtcagtgac	attatgcagc	aggctcagta	tgatcaaccg	ttagagaaat	ctacaaaggt	152220
aaggatgact	tcgttttgtg	taaactaaaa	agtattattt	tccaggtgta	aaaataaaaa	152280
agaacataag	gggtttcttt	gcctttgaag	gattaactgc	tgtggggatt	accttcttat	152340
cataagcaac	tagaaaattg	acaaactaaa	tgaaacaact	gtttgcatat	attggacaat	152400
gggcaataca	gggaaaccat	ggaaaccaa	cagagcccag	tagtcttgct	gaacgaaaga	152460
gttaaataatc	aaagttcagg	ccaggtgcag	tggtcacgc	ctgtaatccc	agcactttgg	152520
gaggccaagg	cgggtgaatc	acttgaggtc	aggagttcaa	gaccagcctg	gccaacatgg	152580
tgaaaccttg	tcttagccgg	gtgtggtggc	aggcacctgt	aatcccaact	atttgggagg	152640
ctgaggcagg	agaatcgctt	gaaccaggga	ggcggagggt	gcagtgagcc	gagatcacac	152700
cactgcactc	cagcctgggc	gacgagcgaa	accccatctt	aaaaaaaaaa	tcaaagttca	152760
gagagctcaa	tttgagtaga	agttgtagga	taaggtagca	gaaaagagga	agctgcccag	152820
aaagaaagcc	gtagagatat	ttagagagat	tcccatggat	ccttggccta	ggagtgatct	152880
gtatatgtgt	gggtgaaaa	cgcattgtgc	caggtagaga	accccccaga	aattagtagg	152940
ctgaatgatt	gctggaacat	agggtcaaga	aaagttcatg	gccagaagga	tctggccaga	153000
gtagagagac	ttagtaatac	acaaggcatt	gggtagtgtc	ttcacagagg	ttatgcctta	153060
ctactgaaga	taaattagtc	ctagagtaca	agcacctgaa	ccaagtttca	aagcaaattt	153120
ttaaagggtc	aaattaccta	acaactgcat	gccaaaacaa	aggcctaacc	ctctttacag	153180
taacacacaa	aaattcagca	cttcacagtg	taaagttaga	atgtctgacg	tccaggctgg	153240
gcgcagtggc	tcatgcctgt	aatcccagca	ctttgggagg	ccgaggcagg	tagatgacct	153300
gaggtcagga	gttcaagacc	agcctggcta	acatggtgca	accccgctct	tattaaaaat	153360
acaaaaactt	agccaggcat	ggtggccggc	acctgtgatc	ccggtactct	gggaggctga	153420
ggcaggagaa	ttgcctgaac	ccaggagggtg	aagggtgcag	tgagccgaga	tcgcaccact	153480
gcactctggt	ctgggcaaaa	agagcaaaac	tcagggtcaa	aaaaaaaaaa	gaatgtctga	153540
cgtaatcac	aaattaccaa	gcatgacatg	aagttgacct	ataaccagga	gaaaactcaa	153600
tctatagaaa	cagaccagga	tgtgagaaag	atgatgaatt	tagcagacaa	agaccatcaa	153660
gtggctatth	taaatattaa	aaatatgttc	aagtggccag	gtgcagtggc	tcatgcctgt	153720
aatcccagca	ctttgggagg	ccaagggtggg	taggagttca	agaccagctt	ggccaatatg	153780
gtgaaacccc	ttctctacta	aaaatacaaa	aaaattagct	gggcatgggtg	gcagggtgct	153840
atagtcccag	ctatatggga	ggctgaggca	caagaatcac	ttgaaccggg	gaggtggagg	153900
ttgaggttgc	agtaagccga	gattgtgcca	cttgactacc	agcctggaca	acagagttag	153960
actctgtctc	aaaaaaaaaa	aaaaaaaaag	taaagaaaac	aagagtataa	tgagaaaaat	154020
gcaaaatagt	tttaaaagaa	ccaaatggaa	tttcttaaaa	taaaaaatac	cagaaatggg	154080
ggccggggcgt	ggtagctcac	gtctataatc	ccagcacttt	gtgggggctg	aggcaggcag	154140
atcacctgag	atcggtagtt	caaggccagc	ctgaccaaca	tgagaaacc	tcatctctac	154200
taaaaatata	aaattagctg	ggcgtggtgg	cgcattgcct	gtaatcccag	ctacttggga	154260
ggctgaggca	ggagaattgc	ttgaaccggg	gaggcagagg	ttgcggtgag	ctgagattgc	154320
accagtgcac	tccagcttgg	gccacaagag	tgaaactccg	tctcaaaaaa	aaaacaaaaa	154380
aaaacagtag	actcgaagaa	ctagctgagt	tttctcttac	tttaggcagt	aagtgtgacc	154440
ttttgcaggt	gactacttta	gttcctcatg	tcctcattag	tagatcagag	aaattcgaca	154500
ccaaaacccc	aaaagaaaaa	ccccttctaa	tcctcattcc	atgattttat	gaatgcatga	154560
agtcctaggc	ctgcgaagga	atactcatte	tctttatcct	gtgttgatac	ctctctgctt	154620
caacctccaa	ctcgacattt	gcctatagga	tgtacttgga	cattcagcat	aaactacctc	154680
acaccattac	tgaattgctt	catgtgcaca	tgtcccatgc	cacaataccg	gggaccttgt	154740
cttccgtgat	atthgtccgc	agtgtgtgta	ctacaggagg	gagtcagtga	atgtctgcat	154800
gtgtgtcttt	accatccctc	ttgaatatgc	tctagggtta	attcctagaa	gtagaattac	154860

tctattgaaa	attggcaata	tttttcattc	taatatctat	tgccaacatg	ggaaagcaag	154920
tctggatgcc	agtccttggt	atatgcccct	tgggtaagtt	acgtaacctc	tttaagcttc	154980
tggttcaactca	tattttaaca	aggaaaatta	caatatttta	cctcacaaaa	ttgtagtcag	155040
cttctggctg	tcttaaactc	tggtatatag	taaacactaa	gtggttggtg	ccatccttaa	155100
tttgtaataa	taggtcactt	gttagagaaa	tgcaccttac	cattttcttt	tcttttcttt	155160
tttcagttat	gactcaaaac	ttgagataaa	ggaaatctgc	ttgtgaaaaa	taagagaact	155220
tttttccctt	gggttgattc	ttcaacacag	ccaatgaaaa	cagcactata	tttctgatct	155280
gtcactggtg	tttccaggag	agaatgggag	acaatcctag	acttccacca	taatgcagtt	155340
acctgtaggc	ataattgatg	cacatgatgt	tcacacagtg	agagtcttaa	agatacaaaa	155400
tggtattggt	tacattacta	gaaaattatt	agttttccaa	tggcaataac	ccatttatga	155460
gagtgtttta	gcctactgga	atagacaggg	accacatcct	ctgggaagca	gataagcata	155520
gaactgatac	ttgatgcaca	ctcgtagtgg	taactcatcc	ctaatacagca	ttgtaaagca	155580
gggtgccagag	gtggtttgct	ttgtccttcc	aaagcaggtg	agtcagcccc	accgagagcc	155640
aggcagcttt	gagtggcagc	gtgggtgctag	cagcttcagc	ggaacagggg	gagagttaat	155700
tatgcagtct	tcttgacagc	ggcattaatt	tgggaaggaaa	ctgacaagtc	atgggtcaag	155760
tttcagtgac	ttcctccttc	ctctgatggc	agtatatagt	tttcacattt	taattcctcc	155820
tcctgagatg	cactataact	aaaaccattc	tctcccctgc	taacagaagg	gtgtgaatct	155880
ggtttacttt	gagcattagg	atttgcccct	ttggaattct	gcactccagt	tacttaactt	155940
tccttccaga	atacatgtgg	aaagaaagaa	agaaatagcg	atgactccac	ttttgcccct	156000
gtggcacctt	gaacaaagca	gttcttccca	aattatactt	tttttttttt	ttaaataagg	156060
gagcaggatg	actggggaga	gagaaacatt	tgactttgac	tgccctcccc	attctttgct	156120
gtgagctgga	aagtgtgcag	ttgggtcgtc	ttcttctcct	ttcttttagga	tagtaagaga	156180
ctcactcact	gcacttctgc	tcagttggct	tctgcacg	gatcacacag	ccatcagcag	156240
gactgccag	ttgggtgagca	cactccattg	accacgtggc	gccagcgctt	cctcaatgca	156300
catgattgag	aggaaagaaa	gttctcttag	atgttactgc	ttttgctcag	actttgcaaa	156360
aaaaaaaaata	tatatatata	tgtataaata	tataattatt	aatcactttt	gtccttgaga	156420
aagtcttgaa	tgaacagaga	atttattcca	ttgcaatatt	tgattgtata	gaggcacact	156480
gtttcatcga	cagaagaagc	aaaaaggctt	tgtgtaagtt	tttggtacta	tgtaccacct	156540
ctgttattct	tttaaagctg	aagtattcat	gtacttaaac	catattatat	ttaattgtgt	156600
ttgattttta	aatatatata	tatgaattct	atttaaaatt	gtgtcaactt	tctgctttca	156660
gggcattttat	ggctcttctg	ttgaaatata	ttgatctttc	caaataattt	catttgcttt	156720
ctaaaaaccc	agaacatgag	ccactactgg	actttgcctt	gtgtttgaag	tgtatggcat	156780
aaacccaagg	tttttattag	tcactctatg	tgtgattaat	tcattttggt	cttttaacaa	156840
aatattttcca	tcacttccac	attgcttcaa	tctttaacag	aaaagcaata	taaagggttat	156900
agaataaaaat	gtgggttttg	gcaactcttg	ctgcctctgc	atgttttgga	ataacaattt	156960
ctacaagact	ctaggctggt	taaactagt	ctttcagtta	agataaattc	taatcatttc	157020
tttgatatata	cattttgtgc	ttctgagcta	gagatgccaa	gtagttgtaa	actgcttata	157080
aagagaatag	cagcaaattt	gagactcggc	tacttttttc	tgccccacct	gctttgagac	157140
acagaagcgg	agtgtggccc	gaaattatta	gccagattta	atatttgatc	taaagtaggt	157200
ccttgtactc	atttttaaagt	tggaaattga	ttcctccaac	attgagcacc	caccatgttc	157260
caggctctgt	gcattgtgcc	cacaaaataa	gattccctgg	tggagttttt	atgggttcaa	157320
ataatcagtt	gaacaccctt	catctttatc	atgttggtga	cattgacaca	aattgtttta	157380
aaagaaaaga	tattagagag	aaagtgggtac	ctttgttaact	tgatgtgtct	tcatcattcg	157440
gtaagatttg	atgaaagtaa	aaagcaaatg	tcagccaaat	ccagtgaaca	gcaataaaaac	157500
agggagtaac	tttttataac	tttttctact	tggatttcaa	cattcagtag	agcttttcga	157560
aatgtaagta	gtttacagta	ctggaggttt	gactagttca	gtaggaattt	ggaggggaag	157620
gtcattctga	attgtaacaa	agtacaaact	tctttgctgt	tttatttaag	tactgagagc	157680
taagcacctg	atgaagtgc	tgacctctct	ccagtgcag	tgtttggtga	cctgcctgac	157740
ttcaggagtg	gggtttatgt	ttctacacag	tgaccttttc	tctcgccctc	tcctccctct	157800
tgccacacaca	ccagttgatt	ggacctgggt	tgaactcctg	atccagacag	gccaagaca	157860
gttcttaaatg	ttaagaattt	tggggccggg	cacgggtggct	catgcctgta	attgcaacac	157920
tttgggaggc	cgagacaggg	ggatcacttg	aggtcagggg	ttcgaggcca	gcctggccaa	157980
catggtgaaa	ccctgtcttt	actaaaaata	caaaaattag	ctgggcatgg	tggcgcacgc	158040
ctgtaatccc	agctacgtgg	gtggctgaga	caggggaatc	gcttgaacct	ggaggcggag	158100
gttgtgcaat	gagccgagac	cgtgtcactg	cattccagcc	tgggtgacag	aggagagactc	158160
tgtctccaaa	aataaaaaata	agaaaaagaa	ttttgggcta	gggtgcagtg	ctcacgcctg	158220
taattacagc	attttggaag	gcccagatg	ggcagatcac	ttgaggacag	gagttcgaga	158280
ccagcctgga	caacatgggt	aaactccatc	tctactaaaa	agacaaaagt	tagccagatg	158340
tggtgatggg	cacctataat	cctagctcct	cgggagggctg	gggcaggaga	atcacttgaa	158400
cccaggaagc	agagattgca	gtgagccaag	atcacatctc	tgactccag	cctgggcaac	158460
agagcaagac	tctgtctcaa	aaaaaaaaaga	atttggccag	gcgcagtggt	tcacgcctgt	158520
aatcccagca	ctttgggagg	ccaaggcagg	cagatcacga	ggtcaggaga	tcgagattgt	158580
cctggctaac	atgggtgaaac	cctgtctcta	ctaaaaatac	aaaacattag	ccgggtgtgg	158640
tggtgggcac	ctgtagtccc	agctactagg	gaggctgagg	cagaggaagg	atgtgaacct	158700
aggaggcgga	gcttgacagta	agccaagatc	gtgccactgc	actacagtct	gggcgacaga	158760

gtgagactcc	gtctcaaaaa	aaaaaagaat	tttggccggg	tgcgggtggca	catgcctgta	158820
gtcccagcac	tttgggagac	caaagtgggc	ggattacctg	aggtcaggag	ttcaagacca	158880
gtccggccaa	tatggcgaaa	ccctgtctct	tactaaaaaa	aatacaaaaa	ttagccaggt	158940
gtggtggcgg	gcacctgggg	aggctgaggc	agggagaaat	gcttgaaccg	gggaggcaga	159000
ggttgcagta	agccaagatc	gtgccactgc	actccagagc	aagactcttt	ctcaaaaaaa	159060
aaaaaaaaag	aattttgcat	ggggaaggag	agatactggt	caccatctgg	aatggtgctt	159120
ggatgtggca	cttacaataa	caggagccag	cactgcatgg	acaaacagaa	gcatgtgggc	159180
ctgagatagc	aggtaccttg	ataaccctga	agacatcctt	ggtttctgca	tctattcctg	159240
catccttgca	ttggactaca	ttaatctgtc	agttatcctt	ataatgattt	ttgatttttt	159300
ttttttgaga	tggagtttcg	ctcttggtgc	ccaggctgga	gtgcaatggc	acgatctcgg	159360
ctcaccacaa	cctccacctc	ccagggtcaa	gtgattctgc	tgcctcagcc	tcctgagtaa	159420
ctgggattac	aggcatgcgc	caccacacct	ggctaatttt	gtatttttag	tagagacggg	159480
gtttctccat	gttgggtcagg	ctgggtctga	actcccaacc	tcagggtgatc	accctgtctc	159540
ggcctcccaa	agtgtctggga	ttacaggcgt	aagccatggt	accgggtctg	ttttttgatt	159600
ttttgaaacc	agtctgaagt	gagttttttt	aattacgtga	aaggagtttg	gctaaaatac	159660
tgccatactg	ccctaatagc	taatgattat	gtattctcag	catgtctgca	aagtactgct	159720
gattttctgga	gaataatttt	tcttttagtaa	acttcactta	agtcgtcatg	tgtattctct	159780
caaaatggta	tcctaaccta	atggagctaa	aagacacccc	ttgtttttat	aacaagcagt	159840
tactgaggcc	caggaagggg	agaagtccct	ggcttggtgag	atgatcacca	ttagaactca	159900
ggcctggggc	agtgcctttt	catgcttctc	agatccttcc	aaagaataat	gaagattata	159960
accgctttta	gcaattgtaa	taaaccacga	aatagaaagc	tttttggtta	gagtactggt	160020
agaagtttgg	cgggagagat	aattttttaca	aaatttgtaa	atacctgcca	attctatata	160080
ctaggcaagg	tctctggcct	tgtaaaaccc	ctcaagggtta	caactttggt	ggcccacact	160140
aatagttacc	cactgagggc	ctctccgggt	gaacattgag	cactagagga	agcccctctg	160200
cttggggcagg	actggggcgtg	gtgcagagta	ggagcgggtga	tactgtggat	tctgggcagg	160260
tggagatggc	cagtgatgtc	caataaagga	cactggaggg	agcagtgtga	gtaaaggccc	160320
tgagggcatt	catgttcagg	gagggttgct	gcccactggc	ttgcttgga	cacaggagag	160380
tgggtattcc	tgctttagta	actttatgta	aacaagtatt	tcctcagtct	gttcctctca	160440
aactgcctgc	tctggcacat	tcagaatgtc	acagaactca	cctggatgca	ttcagcccct	160500
tgctaaagg	tgacagtgca	tctccttccc	caccccaccc	ctcataccac	tgaagcacct	160560
gtcagactgg	cccagtctgt	gggcaaggag	cctagagagg	gcttagtttc	agcttgaaag	160620
gagctgggat	ttaccaagaa	gcaaatagaa	gacgaggatt	gcaacaactg	tgccatttcc	160680
ccagcttcag	ctgactcctg	tatattgact	gtgccttcag	actcatccgt	aagtgacccc	160740
aggctggcct	ctccacatc	acagtaagaa	ttccacacac	catacaactt	ggaaagaggc	160800
tccagctgaa	ggaagcccca	cacttctttc	aagtttttct	tagtcttctc	ttcttgga	160860
agagtacctt	ttgtttcttc	taattatgta	actattgggt	tagtaaatat	tcacccattc	160920
agtcaccctg	taagtggcag	gcactgttta	cagggaacaca	ggaaggaata	aaaacttgca	160980
ggcaccttgg	agcttgcat	ctattgaaga	ggtaatggaa	gttgggatag	cagctaaact	161040
atgctgggat	tggccaggcg	cagtggctca	cacctgtaat	cccagcactt	tggaggccaa	161100
ggtgggcaga	tcatgaagtc	aggagatcga	gaccatcctg	gctaacatgg	tgaaaccccg	161160
tctctactaa	aagtaaaaaa	aaaaattagc	cagggtgtgg	ggcggggcgc	tgtagtccca	161220
gctacttggg	aggctgaggg	aggagaatgg	tgtgaaccca	ggaggcggaag	attgcagtga	161280
gccgagatgg	caccactgca	ctccagcctg	ggtgacagag	cgagactctg	tctcagaaaa	161340
aaaaaatatg	ctggtagttt	tgattcaaga	tggccttttg	agcccatgat	ttaggtctcg	161400
taccacacaa	ggtctactgg	aaaacatcag	gctctcctgc	tatagaccca	tagggagagc	161460
tgcagccgag	agggggagct	gaagagaagt	gccccttctg	tgtcctgtca	gcctcatcct	161520
tccgcaagga	ccagttgctg	tgccactcca	ttcacttgct	gcaagactgg	aggtttttcc	161580
tcagggtgtg	agcacctggg	ttacaagatg	tcagcatctt	gatgcctgag	accatcaagg	161640
caagtctctg	aacagggtct	accttagagt	aaggcttaga	agaggccgta	aagtcagtct	161700
cagctccgtg	gctctgcaga	gctttgggac	atgtgaattc	ttaaaaacaa	gactattgta	161760
cagttactat	atgcatgcag	tataaaatta	taaccttgga	aaatcctagc	tagctgttga	161820
gctaattcca	taaagtaatc	agctcctgag	ttctgcagtg	gtaataataa	tcagcataat	161880
gagtaaacac	tgtgtgtgcc	aggcagcgtc	tcatttgatc	cttgtgataa	tcttgtaagt	161940
actgattttc	tcccttcttt	aaacaaagtt	tttttttttt	tttttagagag	ggtctcacta	162000
tgttgcccag	gctagtcttg	aattc				162025

<210> 15
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 15

actgagcctg ctgcataa

18

<210> 16

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 16

ggcgcacgcc tccacg

16

<210> 17

<211> 162025

<212> DNA

<213> Homo Sapien

<220>

<221> misc_feature

<222> (0)...(0)

<223> Nucleotide sequence of chromosome 17 containing
the genomic sequence of the predominate allele of
the AKAP10 gene

<400> 17

gaattcctat	ttcaaaagaa	acaaatgggc	caagtatggt	ggctcatacc	tgtaatccca	60
gcactttggg	aggccgaggt	gagtgggtca	cttgaggtca	ggagttccag	gccagtctgg	120
ccaacatggt	gaaacactgt	ctctactaaa	aatacaaaaa	ttagccgggc	gtgggtggcgg	180
gcacctgtaa	tcccagctac	tcaggaggct	gaggcaggag	aattgcttga	acctgggaga	240
tggaggttgc	agtgagccga	gatcgcgcca	ctgctctcca	gcctgggtgg	cagagtgaga	300
ctctgtctca	aaaagaaaca	aagaaataaa	tgaaacaatt	ttgttcacat	atatttcaca	360
aatttgaaat	gttaaaggta	ttatgggtcac	tgatatactg	tttcattctt	tatataatca	420
ttaagtttga	aatgtatact	tgcactacta	acacagtagt	taatcttagt	cctacaagtt	480
actgctttta	cacaatatat	tttcgtaata	tgtatgcact	ggtgtttatg	tacgtgttta	540
tgtttatatc	tgttaaaatt	agcagtttcc	atctttttct	attttgtacc	atcacatcag	600
ttcagaagga	ttgacagagc	aaaatgattt	gatgaagtat	aaaagtcaca	tggtgagtgg	660
cataaataca	actctgaaca	attaggaggc	tcactattga	ctggaactaa	actgcaagcc	720
agaaagacac	atatcctata	tgtcaagaga	tgtaccaccc	aggcagttaa	agaaggggaag	780
tacacataga	aagcacaatg	gtgaataatt	aaaaaattgg	aattttatcag	acactggatt	840
catttgctcc	taaagtcaga	gtcctctatt	gtttttttgt	ttttgtgggt	ttctttttta	900
atTTTTTTTat	TTTTTgtaga	gtcggagtct	cactgtgtta	cccgggctgg	tctagaactc	960
ctggcctcaa	acaaacctcc	tgcctcagct	tcccaaagca	ttgggattac	agacatgagc	1020
cactgagccc	agcccagacg	cttttagcatt	tatgaagctt	ctgaaatagt	tgtagaaacc	1080
gcataagctt	tccatgtcac	tttcaaagtt	tgatgggtct	tttagtaaac	caaccaagtt	1140
attcctcaag	ggcaaaataa	catttctcag	tgcaaaactg	atgcacttca	ttaccaaaaag	1200
gaaaagacca	caactataga	ggcgtcattg	aaagctgcac	tcttcagagg	ccaaaaaaaa	1260
aggtacaaac	acataactaat	ggaacattct	ttagaagagc	cccaaagtta	atgataaaca	1320
ttttcatcaa	agagaaaaga	gaacaagggtg	ttagcaaatt	cctctatcaa	ataacactaa	1380
acatcaagga	acatcaatgg	catgccatgt	ggaagaggaa	gtgctagctc	atgtacaaac	1440
cagtagataa	tttcaacttg	ctgccgaatg	aaacctcttt	gcaaggatatg	aatcagcact	1500
tctcatgttt	gttttgcttt	gttttgcttt	gttttttagag	acaggccctt	gctctgtcac	1560
acaggctgga	gtgcagtggc	acgatcagag	ctcactgcaa	cctgaaactc	ctgggctcaa	1620
gggatcctcc	tgccttagcc	tcccaagtag	ctgggactac	aggcccacca	tgcccagcta	1680
atTTTTTTTaaa	TTTTTctatag	agatgggacg	tcactagcac	ctttcatggt	tgatgttcat	1740
atacaacgac	caaggtacaa	tgtggaaaag	ggtctcaggg	atctaaagtg	aaggaggacc	1800
agaaagaaaa	ggggttgcta	catagagtag	aagaagttgc	acttcatgcc	agtctacaac	1860
actgctgttt	tcctcagagc	agagttgatg	atctaaatca	ggggtcccca	acccccagtt	1920
catagcctgt	taggaaccgg	gccacacagc	aggaggtgag	caataggcaa	gcgagcatta	1980
ccacctgggc	ttcacctccc	gtcagatcag	tgatgtcatt	agattctcat	aggaccatga	2040
accctattgt	gaactgagca	tgcaagggat	gtaggttttc	cgctctttat	gagactctaa	2100
tgccggaaga	tctgtcactg	tcttccatca	ccctgagatg	ggaacatcta	gttgcaggaa	2160
aacaacctca	gggctcccat	tgattctata	ttacagttag	ttgtatcatt	atttcattct	2220
atattacaat	gtaataataa	tagaaataaa	ggcacaatag	gccaggcggtg	gtggctcaca	2280
cctgtaatcc	cagcacttgc	ggaggccaag	gcaggcggtg	cacgaggtca	ggagatcgag	2340

accatcctgg	ctaaaacggg	gaaaccccgt	ctactaaaaa	ttcaaaaaaa	aattagccgg	2400
gtgtgggtgg	gggcacctgt	agtcccagct	actcgagagg	ctgaggcagg	agaatggtgt	2460
gaacctggga	ggcagagctt	gaggttaagc	gagatcacgc	cactgcactc	cagcctgggc	2520
gacagagcga	tactctgtct	caaaaaaaaa	aaaaaaaaaa	aaagaaataa	agtgaacaat	2580
aaatgtaatg	tggctgaatc	attccaaaac	aatcccccca	ccccagttca	cggaaaaatt	2640
ctcccacaaa	accagtcctt	ggtgccaaaa	aggttgggga	ccgctaattc	aaataatcta	2700
atcttcattc	aatgctaaaa	aatgaataaa	ctttttttta	aatacacggg	ctcactttgt	2760
tgcccagggt	ggagtacggg	ggcatgatca	cagctcactg	tagcctcaat	cacccaggcc	2820
ccagcgatcc	tcccacctaa	acttcctgag	tagctgggac	tacaggcagc	caccaccatg	2880
cccagctaata	ttttaaattt	tttatagaga	tgggggtctc	accatgttgc	ccagactggg	2940
ctcaaaccct	gggctcaagt	gatcctccct	caaactcctg	gactcaagtg	atcctccttc	3000
cttggcctcc	caaagtgtcg	ggattacaag	catgagccac	tgtacccagc	tggataaaca	3060
ttttaagtcg	cactacagtc	atggacaatc	aggcttttca	acatgcagta	tggacagtga	3120
gtcccagggt	ctgcttttcc	atactgaaat	acatgtgata	ctaaggagaa	aggtgctcgc	3180
aaggatattt	aaaatgaaga	atatttataa	tgaggaaaaa	actgtttctt	catgactttg	3240
ataaggctga	taaagaccat	ttctgtgatc	tcaggtgatt	cactcaagta	gtatatattc	3300
gtaatcatta	tctggaacag	cctgaatctt	aaccaaataa	ccatgatatt	ttaatgctgt	3360
tatgatacct	tgatgatatg	accaaactgc	aatgtaggca	gctaaatctc	cacgagtttg	3420
acttccccga	gagttgacag	ttttcttcac	aaattaaaga	aatatatatt	ttgatacatg	3480
attggcatat	ttaaaaacta	cactgaaatg	ctgcaaaatg	atataaagaa	acattttcca	3540
gaatcaaatg	caatcaaaga	gtggattagg	aatctactca	ccattatcaa	ctaaatagaa	3600
acacttggac	tgggtgtggg	ggetcacatc	tgtaatctca	gcactttggg	aggccaaggc	3660
aggtggattg	cttgaggcca	ggagctcaag	accagcctga	gcaacatagc	aaaactctgt	3720
ctctacaaaa	aaaaaaaaaa	attaaccagg	catggtggca	gatgcttgta	atcccagcta	3780
ctctggaagc	tgaagtagga	ggactgcttg	agcccaggag	atcaagactg	cagtgaagccg	3840
tggatcatgct	gcgccacagc	ctgagtgaca	gagagagacc	ctgtctcaaa	aacaaaaaca	3900
aacaaaaaac	acttaacctt	cctgtttttt	gctgttggtg	ttgtttgttg	tttgttttga	3960
gatggagtct	cactctgttg	cccaggctgg	agtgcagtgg	cgtgatcttg	gctcactgca	4020
agctctgcct	cccgggttca	cgccattctc	ctgcctcagc	ctcccagagta	gctgggacta	4080
taggcgcccg	ccaccacgcc	cggctacttt	tttgcatttt	tagtagagat	ggggtttcac	4140
cgtgttagcc	aggatggtct	tgatctcctg	acctcgtgat	ccacctgcct	cgccctccca	4200
aagtgtctggg	attacaggca	tgagccaccg	caccgcggcca	acctttctgt	tttttagttt	4260
gatatgcttg	ttactcagc	agctgaaaga	atgctgaaag	tggccttcag	taaaaaaatt	4320
tcactagaat	ctctacatcc	atattttaatc	tgaatgcata	tccagattga	tcagttagag	4380
caaaaacact	catcatcatt	cctgatgacc	tctaattctg	gtttcgggct	tctatttcaa	4440
tggaaacaga	ataaggaaag	aaatggaagg	gctctggaaa	tttgtcctgg	gctatagata	4500
ctatcaaaga	tcaccaacaa	taagatctct	cctataaata	taaaacaagt	ataattaatt	4560
ttttaattat	ttttttctct	tcagaggatt	ttattttcaag	ataaaaacata	acttctaccc	4620
atactattga	ttccaaaggt	tagaaaaagt	gtttttcctc	atcttatcct	tcaaagaggt	4680
cacagcaatg	caaacatcta	taaaatgcct	ctgcataatt	gtcagaagct	atagtccaga	4740
aatcattgaa	aatgcttttc	catttttaagc	ttaggtgagg	tgtcttagga	aacctctatg	4800
acaacttact	ctattttattg	ggaggttaac	tcccagactc	tcccagggtc	tcctgtattg	4860
atctcatatt	ttaggcttcc	taatcccttg	aagcacatcc	gaaaaagccc	tggatctctt	4920
ttctgcacat	atcatcgccg	aattcattcg	gcttccagca	agctgacact	ccatgatata	4980
agcggcctcg	cccttctccg	gacgcagctc	cttgctgcgg	ttagctagga	tgaggggttt	5040
gctgggcttc	agtgcaggct	tctgcggggt	cccaagccgc	accagggtgg	ctcacaggct	5100
ggatgtcacc	attgcacact	gagctcctgg	caggctgtac	caatttttta	attatttaat	5160
atttattttt	aaaatttatgg	tgaatatatt	ggtattctgc	tctaaaatag	gcccataaat	5220
gcacagcaga	tatctcttgg	aaccacagc	tttccactgg	aagaactaag	tatttttctt	5280
ttaaagatgc	tactaagtct	ctgaaaagtc	cagatcctct	acctctttcc	atcccaaact	5340
aagacttgga	atztatgaga	gatctagcta	acagaaatcc	cagacacatc	attggttctt	5400
cccagagtgc	agtcctccta	aagaggctca	gccctaagca	ggccccctgca	ccaggagggt	5460
gggtctgaga	cccacatagc	acttcccaag	gtgcatgctc	cagagaggca	ctgaaacagc	5520
tgagcacaa	cctgcaagcc	tggagaactc	tcacagtcag	aacggagggg	gcccagtggg	5580
actaacataa	agagaaaagg	gaacacagag	aaatggatgg	caccaacaac	cagcaaagcc	5640
ttcatggcca	atgaaagcat	cagtgaaggg	gccagaacct	tcatcccaa	agactcttca	5700
ctgcctttag	tgaaaaacaa	tggctagaga	gtgaagtatt	gatcatgtat	agagaggtaa	5760
agttacattt	ttatatcttg	actctgctaa	tgtgaaattc	cctatctgct	agactaaaag	5820
tttcagacac	cctgttcaaa	tatcccatta	gttgctagag	acttaaaatg	aacagaacgc	5880
acattgtcag	gatgactatt	acaaaaaaat	caaaagacag	caagtattgg	tgaggatgta	5940
gagaaactgg	aacttttgtg	cactgtttat	gagaatgtaa	aatggagcag	ctgctgtgga	6000
aaagagtatg	caggttcctc	aaagagtaaa	accaagatgt	ggaaacaact	aaatgcccat	6060
cagtggatga	aggggtagac	aatatgtggg	atatacatat	catggagtac	tattcagcct	6120
ctaaaaaaa	aaaaggaaat	tctataacat	gcaacagcat	ggatgaatct	tgaggacatt	6180
ttgctaata	aataaggcag	tcatagaaag	acaaatactg	cacgactcca	cttatatgag	6240

ataccaaaaa	tagacaaatt	catagaatca	aagagtacaa	tggaggttac	ctggagctgc	6300
agggcgggaa	acgaggagtt	actaatcaac	gaacataacg	ttgcagttaa	gtaagatgaa	6360
taagctctca	agatcagctg	tacaacactg	tacctagagt	caacaataat	gtattgtaca	6420
cttaaaaatt	tgttaagggg	agattaacaa	atgtagtaga	tccacaaatg	tggttaagtg	6480
ttcttaccac	agtaaaataa	aaaaagaata	tcaagcccag	gagttcgaga	ctagcctggg	6540
taacatggtg	aaaccctgtc	tctacagaaa	atacaaaaat	tagccagctg	tggaggtgca	6600
ctcctagggg	ggctgaggtg	ggaggcttgc	ttgagcccag	gaggtcaagg	ctgcagtgcg	6660
ccatgattgc	accactgtac	tccagcccag	atgacagagc	aagacaccac	cccccccaa	6720
aaaagaaaaa	gaatatcaaa	catttttaaaa	gatcagatac	gcaagaacaa	caacaaaaaa	6780
gagatgaaca	gagcatcgac	cctcatctag	tgggattctt	gggtctaactg	aaaaacagac	6840
attgagagac	aaacaatgac	agtgatgtga	tcacagcaat	tacacaggta	tcccctgggg	6900
actgcagaag	aaaggaggaa	tgcctaactt	tcagaaaata	gagaaagcgt	caaacagttg	6960
gtgaaagcct	tccaaaacta	gagagaactg	cacacaccaa	atcacagaaa	gaagaaaagc	7020
cgtggggagat	tctgggaccc	accggctatt	tttgatggct	gaacaccctg	ctgcaggaga	7080
gacaggagct	ggaaagcatg	gtgggatgaa	acctcaaaca	gctttgcctg	cattgcttaa	7140
gatgactggg	cttgattaac	tctagtcaat	ggggacaatt	caatcaaaga	agaaagatgc	7200
tcaaattcac	attttagaat	gattttttat	ggcagtatgg	ggaatagatt	aaaagagagt	7260
gaagctggag	gcaagaaact	tgttaagagg	caactgaaac	agtctagatg	ataaataata	7320
aactgacaga	gtgactagaa	aaatcagaac	aggctgaatc	aacagatacc	tagatgaaaa	7380
taacaggact	tgatcaccag	ttgtatcttg	gagaggaagg	agttgtttcc	ttgctttccc	7440
tacgactggg	aatacgggaag	gtttgcccgtg	tgtattgggt	atatactggg	gtgtagccaa	7500
tcactgacaa	ccatttagca	gcttaaaaaca	caaaggctta	tctcccaggt	tctgtgggcc	7560
aggaatctaa	gataggctta	gctggctggg	tctggctcag	agtttctcaa	gaggttgcaa	7620
tcaagatgtc	agctgggggt	gcatcatctg	aaggctcaac	tggggccgga	gggtccactt	7680
ccaaggagtt	cactcacctg	cctgacaagg	cagtgcctgg	tgttggcagg	agatctcaat	7740
tcattgccaa	gtgagcctct	ctatagcatt	gctggaacat	cctccccatc	tggcagttgg	7800
cttctctcag	catgagtgat	ctgagagaga	gagcaaggag	gaagccacag	tgttcttcct	7860
actcctactc	ctaacactat	ggacctactc	ctaacactct	cacttctgcc	ttattccatt	7920
agttagaaag	ggaactaagc	tccacctctt	gaaataagaa	gtgtcaaaga	atttgtggat	7980
atatttaaaa	atcatcacac	tgtggaagtg	gatagggggg	tcaattaatg	ctgaacttga	8040
aatgcctgag	acattcaaat	gtccaacagg	caatgaacat	acccatagat	ggtcatgact	8100
ttagcaagaa	tagaggaaga	tcacagaatt	aaggaggaat	tgaagggtaa	aagaagtgga	8160
gtcagattcc	ccctgaaaag	tgagccatga	aaggaaactt	aactattgag	ttagagggtca	8220
gagtaggaaa	tttcgggtgga	attctttttt	aaagaaagga	accatataag	catgttttga	8280
ggtagaggga	gaataaatca	gtagacaggg	agaggtaaaa	aacataaatg	ataggggata	8340
gttgacaaaag	gtcttggcag	aatcccttac	ccattgactt	ggggccaaga	gagggacact	8400
tctttgtttg	agggataagg	aaaataagaa	agaatgggtg	ctatttagtg	tggtcctgtc	8460
tctagggcaa	acgcataggg	aacaaactgt	gtgtgttagg	aatatagatg	tgacctcaca	8520
ttgagattct	cacctcaaat	ccattttgtt	gttacctgta	ccttcctacc	ttctcttttt	8580
gctacatgca	gactgctgtt	ttgtcttcct	ggcctgttcc	aggtttcagc	attctggcat	8640
atctgctacc	ctgttcccaa	acctctctag	agtcctatgt	ccttccttgg	atagtgtttg	8700
attgggccac	gtatctaaga	agtgatgcct	tcagttaggc	ctgagaacct	cctctatgga	8760
aatctccatc	agtgacctg	acagacttgg	tatcttggag	atgtcactgc	tcccagcctg	8820
tgggtctagga	gaatctcagc	ctgggcctct	agtagtatgg	ataaggcgtt	aaggatatctt	8880
tgaaccagag	tctgtcatat	tcttcaatgt	gggacagata	aaacagtggt	agtgcctggg	8940
ttctctgagct	agaactctgg	tttttgggtc	agattctttg	atgtatgacc	tttcagagggt	9000
attaaaattt	gttctaatac	aatgttcaat	acaaatgtag	ttccttttct	gttaggacct	9060
caacaaaaca	tgaccaactg	tagatgaaca	ttaaactatg	acaattcatg	gaaatgaata	9120
cagtaatacc	tgcgggttccc	ccatttttagc	agtcactatg	gtgacatttg	gcacaaatgg	9180
ctattttaagg	gtgctttttgt	taaaacctac	catcttacta	ggcacatgat	attgaaacta	9240
atgaaataat	ggagaaactt	cttaaaaact	tttaatgaat	aaagtgatga	agtgataata	9300
tttttagctgc	tattttataaa	gtgactatta	caggtcaaac	attcttctag	ggtttttttg	9360
ttgaagtgtg	cacatttaaat	ccttaataac	ccactatgag	tcagggtattc	ttctctcccc	9420
tttggacagt	tggggaaatg	ggggtcagag	aggttaggta	atttgctcag	ggccacacaa	9480
cctgcatgta	gaaaatctga	gattttgtaca	ggaacgtatc	aaactctgaa	gtccatgctt	9540
ctattttccc	atgctgcctt	tctaataaaa	ggtaactaat	gctactggat	gctgccccca	9600
aagtgagtca	ctttcacccc	acctacttg	attttctcca	taaaactaat	cacatcctga	9660
caacttattt	attgctgac	tccccacta	gattataaac	tcaataaaaag	caagatcctt	9720
gtctgctgaa	tatcagtacc	taaaacgctg	tctagcacag	agcaagtaat	taatatttgt	9780
tgaatgaaca	aataaaggaa	aaaaattcaa	aggaagaaaa	agccctaaaa	cagatgttta	9840
cctaaacata	catttttaaaa	gaaagcatat	aacaaattca	ggacagaatt	taaatttgat	9900
tttttaaaga	aataaccaag	tgctagctgg	gcacagtggc	tcacacctgt	aatcctagca	9960
ctctggggagg	ccgaggcagg	cagatcactt	gaggtcaaga	gttcaagacc	agcctggcca	10020
acatggtgaa	acctgtctct	actaaaaata	cagaaattat	ccaggcatgg	tggcagggtcc	10080
ctgtaacccc	agctactcag	gaggctgagt	caggagaatt	gcttgaaccc	aggaggcaga	10140

ggttgacagt	ggccaagatt	gcaccactgc	actccagcct	gagtaacaaa	gcaagactct	10200
gtctgaagga	gaaggaaaga	aagaaggaaa	gaaggaaaga	aggaaagaag	gaaagaagga	10260
aagaaagaaa	gaaagaagaa	aagaagaaa	gaaagaagaa	aagaagaaa	gaaagaagaa	10320
aagaaagaaa	aagaagaaa	gaaagaagaa	accaagtgc	tatttgggac	ctactatgct	10380
atgtttttcc	atgcacgcta	ttttcagtaa	agcagttagc	aaacttgcaa	gatcataaca	10440
acaaatata	gcttctataa	ctctaaaatt	gtgctttaag	aagttcctct	ttaccagctc	10500
atgtatgcat	tagttttcta	agagttacta	gtaacttttt	ccctggagaa	tatccacagc	10560
cagtttattt	aaccaaagga	ggatgcttac	taacatgaag	ttatcaaagt	tgagcctaag	10620
ttggggccagt	tcagtgtta	atactccaga	acaaaaacca	tcctactgtc	ctctgacaat	10680
tttacctgaa	aattcatttt	ccacattacc	aaggagccag	ggtaggagaa	tatagaaaga	10740
ccaccaaga	atccttactt	ctttcagcaa	aatcaattca	aagtaggtaa	ctaaacacat	10800
gccctaacia	tgaatagcag	attgtgctca	gaagaatgat	ctacaacatc	ttactgtgaa	10860
ggaactactg	aaatattcca	ataagacttc	tctccaaaat	gattttattg	aattttgcatt	10920
ttaaaaaata	ttttaagcct	aaatttttaa	aggttttgata	ttggtacatg	aatagacaaa	10980
cagacatgga	ctagaccaag	aattaggttc	aaacatatac	aggaatttaa	tatacgataa	11040
atctagtatt	ccaaaggaac	caacaaatgg	tgttcagaca	gcaggatagg	catcaggaaa	11100
aacacagttg	ggcaccctac	cttactccta	acaccaggag	taactgaagg	agcaccaaat	11160
atttattttat	tttaattata	gtttttaagtt	ctagggtagc	tgtgcacaac	atgcagggtt	11220
attacatagg	tatacatgtg	ccatgttggt	gaggagcacc	aaatatattaa	aagaaaaaaa	11280
ttggccaggg	gcggtggctc	acacctgtaa	tcccagcact	ttgggaggcc	aagggtgggca	11340
gatcacctga	ggtcgggagt	tcgagaccag	cctgagcaac	atggagaaac	cccatctcta	11400
ctaaaaatac	aaaattagcc	aggcatggtg	gcacatgcct	gtaatcccag	ctacttggga	11460
ggctgaggca	ggagaatagc	tttaatctgg	gaggcacagg	ttgcgggtgag	ctgagatatt	11520
gcactccagc	ctggggcaaca	agagcaaaaac	ttcaactcaa	aaaaattaat	aaataaataa	11580
aaataaagaa	agaaaagaaa	aaaatgaaaa	tagtataatt	agcagaagaa	aacaccgtag	11640
aatcctcgga	ctcttaggat	ggggaatgcc	tataatataa	aaaccctgaa	gttataaaag	11700
agaaaatcac	ctacatacaa	accaaactct	tctacatgcc	taaaacatag	cacaaacaca	11760
gctaaataat	catagctgaa	tgaactggga	aaacaaaact	tgactcatat	ccagacagag	11820
ttaatTTTTCC	tacacataaa	gagtacctat	ataaacccaa	caaaaaaacc	accactaacc	11880
caaaataaaaa	atgtgacagg	taatgaacag	gtagttcaca	gagaatacaa	atggctcttc	11940
ggcacataag	atgctcagac	tgactttttac	ttattttatt	tttgagagac	agggtctcac	12000
gatgtttgcc	aggtaggct	caaactcctg	ggctcaaagt	atagtaccag	gactacaggt	12060
gtgccccacc	gcacctggct	cctcaaccac	ctgtattaac	aggaaatgca	aaataaaaact	12120
ttcaaactcta	ttttacctat	tagaatggca	aaaatttgaa	aaacttcaaa	catcatcatg	12180
ttggtgagaa	tgtgaggaga	ctggcactct	cattttttgc	tgatagcata	tatatactga	12240
tggcttctat	ggaaagcaat	ctggcagcgt	ctatcaaagt	tacaagtgca	tatatccttt	12300
gacaaagcaa	ttccactcta	ggaatgtgtt	ctatatggtt	gtgcttcctg	gggctgggaa	12360
ctgggagcta	agggacaggg	gcagaagata	atcttctttt	ccctccttcc	ccgttaaaca	12420
tggtgaattt	tataactgt	aatatattat	ttttcacaaa	agataatttt	taagcgatat	12480
gtctgggaat	tttttttttt	cttttctgag	acagggtctc	actctgtcat	ccaggctgga	12540
atgccatggt	atgatctcag	ctgactgcag	cctcgacctc	ctgggttcaa	gcaatcctcc	12600
cacctcagcc	tcctgagtag	ctgggactac	aggcacgtgc	catcatgcta	atttttgtat	12660
atacagggtc	tcactatggt	gccacaggcta	atgtcaaact	cctaggctca	agcaatccac	12720
ccacctcagg	ctccaaagtg	ctgggattac	aggcgtgagc	caccgcgcct	ggccctggga	12780
attcttacaa	aagaaaaaat	atctactctc	cccttctatt	aaagtcaaaa	cagagaagga	12840
aattcaacct	ataatgaaag	tagagaaggg	cctcaaccct	gagcaacaaa	cacaaaggct	12900
atctctgaga	caggaatttg	ctgaacaaaa	tcgagggaag	atgacaagaa	tcaagactca	12960
cttctcgggt	gggcgcagtg	gctcacacct	gtaatcccag	cactttggga	ggccgaggcg	13020
gacagatcac	gaggtcagga	gattgagacc	atactggcta	acacagtga	accagctctc	13080
tactaaaaat	acaaaaaatt	agccgggcgt	ggtggcaggt	gcctgtagtc	ccagctactt	13140
gggaagctga	ggcaggagaa	tggcgtgaac	ccaggaagcg	gagcttgtag	tgagccgaga	13200
tcacgccact	gcactccagc	ctgggtgaca	gagcaagact	ctgtctcaaa	aaaaaaaaaa	13260
aagactcatt	tctctagatc	ttgagccgta	ttcaaattta	tctcagctta	gtgagaggtt	13320
aaagcaagga	atatccttcc	ctgtgggccc	tgtctcttac	tgaagggaag	taacggatga	13380
gtcaaggaca	ccaatggaga	aaagcactaa	caccattatc	tgatgaacat	tacgtgaaga	13440
agggttaagaa	gtgaagtgga	attgctgaag	aagtcagtga	aagcggacat	tcattttgggg	13500
aatggaata	taggaatccc	ataaaaagtga	ttaaaaagat	gttagaggct	gaggcggggg	13560
gaccacaggg	tcaggagatc	gagaccatcc	tggctaacac	ggtgaaaccc	catctctact	13620
aaaaatacaa	aaaattagcc	aggcgtgggt	gcaggcacct	gtagtcccaa	ctactcggga	13680
gactgaggca	ggagaatggc	atgaacctgg	gagacggagc	ttgcagttag	ccgagatcac	13740
gccactgcac	tccagcctgg	gtgacagagt	gagactccat	ctcaaaaaaa	aaagttagat	13800
acgagagata	aagatccaac	agacacacaa	ctgctaattc	tgaacagaac	aaaacaaatg	13860
gcacaggaaa	agaaaattta	agatataaca	ccggaaaact	ttcctgaaat	tgagtaactg	13920
aatctatagc	ttgaaagggt	ttagcatatg	ccaagaaaaa	tcagtagagt	ccaaccagca	13980
caagacacat	ctagcaaggc	tgggtgattct	accaacacag	agaaagaagt	gggtgacca	14040

taatgcggaa	aaaggcagac	catctgcagt	cttctccaga	acactggagt	ctgaagacaa	14100
aagaatgctg	cctactgagc	cagaaggag	agaaagtgc	ccaacacatc	tttaccaagt	14160
tagaatgtca	cgcattat	aaaggctgca	aaagccatga	aagacatgaa	agaacacaag	14220
catttacaac	atgaaagaac	acaagcattc	tcatactcaa	gaatccttaa	gaaaaatgta	14280
gtcctaatec	agcccactga	aagttaaagt	tacttaagt	gctcattaat	gggaacttca	14340
tagcttcaaa	tcagtctggt	cccatctacc	aacatctctc	gcccggcttt	cctgcaatag	14400
tcagcacctt	tcctcctcc	cagtcttgct	ccctggagtc	tgctctcagc	atagcagagt	14460
gaccacatca	acacccaagt	cagagccctc	cagtgcgcac	tggtctacaa	agcccttccc	14520
acccccacc	ccacgtgccc	tccggatcct	tgtgacgtgt	ctcctgcata	ccctagcagc	14580
cctggcctcc	tcactgcccc	tcctgtacat	caggaaggcg	actccttgag	tcttggctct	14640
ggccgcctcc	tcacactgca	gtgagttaac	tcctttacct	actctaggtc	attgctcaaa	14700
tgtcagcatc	tcaatggggc	cctccctgac	taccctat	aaattctaca	tactccctt	14760
gaccccatgg	acctcactca	ccctattcca	cttttattct	tacaatttag	cacttggtct	14820
cttctaactg	attctaagac	ttactcattt	attacattgt	ttgccacccc	ctctagtaca	14880
taaactccag	aggggcaggg	atttctgtct	atttattcat	ttctttatcc	ctaggacata	14940
gaacagggca	tagttcagag	tattcaatgt	tatcaatgaa	tgaactagca	gtagtaccag	15000
ttccagttag	gcacagaatt	aatctaaat	agaattaaat	ctcatgggtc	gggttaacta	15060
tggatagaaa	attagatata	attttaagaa	gcctagaaa	aaaaaatata	taatgtaaaa	15120
ataatattaa	tttgataata	ataacaaaaa	ctctgccagg	cactgtgggt	caaatctgca	15180
atcccagcta	ctcaggaggc	tgaggtggaa	ggatcacttg	agaccagagt	tcaagactca	15240
gcctaggcaa	cacggcaaga	aactgtctct	aaaaaaatta	aaacttaaat	ttttaaaaaa	15300
gaattctcaa	agcgtcacaa	aaactggaga	ttaagggtaca	ggaagtgtga	agtaatatta	15360
ctatgcta	gggttttttt	tttttttagaa	aggtataacc	aaaagatttc	tttctcaagt	15420
cgataaactg	agaaagataa	gcatactctc	caattaacag	agggggagga	aaagccagat	15480
acaacaaaat	aagatataaa	ttagtttcca	gttgaaaaca	agagttaggag	ttattttgca	15540
tcacctcacc	tgtgacctcc	cccagcccaa	aaaacactac	tgataaacag	ggtagaaaag	15600
catcatctca	gataaagcag	gaaaaactgc	cacagtctca	aaccacaaac	tataagcaca	15660
cacctggcca	accctgccaa	gtctgggctc	agtaggagga	acgtgctgag	agctaggatg	15720
taccaactta	gacattctgt	gggatacaga	tgtccctgga	agggtcacac	catctcaaag	15780
gcacctgtaa	tgcccactga	ttacagccac	catatgtgag	agagaaactc	agggcactta	15840
gagagtataa	caagaacctt	atgtcatctg	agatgaggaa	tcctcagccc	tgcaaattaa	15900
ccaactcttt	agaacaactg	gcaaaacata	aatatccaca	acttttggtt	cagtaattcc	15960
actcttagat	atcaatccaa	agtacatgag	acagcagata	cacacacaaa	atgggtattta	16020
ctgcagcatt	gtttataata	gcaaaaaaca	agaaataatc	catatgtctc	aataggatac	16080
tgggtacatg	aggggtatgta	cccatcattc	aaccatcaaa	aagagtgata	tggatgtcca	16140
cagatggaca	taaaaagctg	tgtgttacgt	gaaaacaaac	tcaagcagca	gcaggatggg	16200
cttatgatag	tcagtatgag	ctaatttctg	gaaaaaaaaa	tctagtgtgt	gcacagaaaa	16260
catctgaaag	aacagaaaca	aaactatcag	cagaatattg	agatgtttta	ctaagttgta	16320
tatctatact	gcttgtaatt	tttaccceaa	gcaagaatta	cttttttgga	aaagaaaatt	16380
caggaaataa	agcatttctt	taaacttcat	gttttaacaa	atgggtgatg	aataaaaagag	16440
ttcttattca	tcataaacac	acacagcaca	catgcacgca	tgtgcgtgag	cacacccttt	16500
acttgataaa	taccatggtg	aatatttttag	tctttccttt	taggttctat	cccttcactc	16560
aaaatgcggt	tataaataaa	tgtacttttc	atgtgccttc	tgccataaac	cactttaata	16620
taactttaca	gtcccattat	cattatagtc	tcaaagctag	actcagcctg	aaactaccct	16680
ttcatttgga	acccttatta	aaatgccaca	tacagctcct	tcaaataaaa	acaaacccta	16740
ggacctgaca	ctaggcttcc	tttggtgcta	ctcataatgg	ccaagttctg	tgcttataat	16800
acatcttctt	tcattttatt	gctacatata	caagggtttt	atatgttttt	cttattatat	16860
cttaattcaa	aacaccatca	cgctcttttc	cagatgaaaa	taaggaaaaag	aaattgagca	16920
actgactgac	ttaaagggtca	taaaactata	tagtagcaga	gtcagcaaaa	gaagaaacac	16980
acatctccca	agtagagggt	gaaaaccagt	accattcacc	tccagggtga	gctatataca	17040
gattacaaaag	tcaccttctc	taaatgttca	aactgaatcc	cataccata	ctttaccact	17100
acctcgtaag	aacagcctca	gatcttggtta	tagccttttt	tttagcatgc	tgaagccaat	17160
aaaatgcttc	ccattcagca	agagaaacaa	gttctgaaac	actgaataat	ctgcccaggg	17220
cctatgaaca	tttccactgt	gagaaatggt	ctccactgtg	tggagaagat	ccttactctt	17280
ctccacacag	gcagaacatt	agaaaaatcc	ttggattcta	tgatgcacag	cttaggagtc	17340
tgttttagcac	aatttaagtc	caaatagtta	ttaaatcctc	ctctgttcca	gaaacagtgc	17400
taaatactgt	gaatataaaa	attgaaaaga	tactctcctg	gctcccaaga	aagtacagca	17460
gatagaggag	acacaggcac	acaaatcact	gtcacatgaa	gctctacctc	cctaacttca	17520
aacgagggcc	taagtcacca	agaatacagt	agcagttgtg	actacgagta	actactataa	17580
ttcaatactt	tatcttccct	tagaaaactc	ttctcccttg	gaaatttatt	tgcatttcta	17640
aataccattc	cttactaaaa	ggaagcaggg	ctccttgggg	aaatagctga	ttctaggtgt	17700
ggactatgaa	atgaaaatgg	tgagtctggg	acatcccatg	ttgcccagaa	atcaaggaac	17760
tgcccaaaga	ttaacagagt	catgttaaat	ggacctaaaga	gtgaaccaga	aggagctcac	17820
tttgccccgc	gtggaacaat	ttcaagaaaa	acatgacagt	aatgaattat	aaaacatgaa	17880
ttaaaataca	tattgggtact	aaaaagagaa	caaaaggatg	tggctttgga	taaagctctt	17940

cttcatggaa	gaataaccagc	taataaatgt	aaaggaaatg	agagaattag	aaaaattatc	18000
atthttgtaaa	ccttaatatata	ttcacctaga	catgctaataa	ccactgagta	aaaggctgct	18060
tgggaagagg	atgctcacat	gatctcagag	tttcacacca	cagataatth	attagataca	18120
ggaaggaaga	tgtgatcaag	cttcctgtga	ccccagcca	ggccccacaa	cactatgtgc	18180
ctccttgtga	tgtgggagct	acacagcatc	gcccacacag	cttctcgcca	aaactgtttg	18240
aagctaataca	caagggaaga	actggacagc	ttctgaccat	gagacgctcc	accagacaac	18300
ttgcttgccc	tctccaaaga	aacttgcttg	gcctctccaa	agaaaactca	gtttcattta	18360
aaaacaaaac	taattattta	aaaacaaacg	aaaagcaagt	tgtggacttg	agctccaggg	18420
acagagcaga	catacttttc	cctgttcttc	ccagtaagtg	gtaataaaaa	ccctcaacac	18480
tagatataaa	acaaatataa	gaagggttctg	gaagggggaag	aggaggcaga	ctatccaggt	18540
gccttgaggc	ccacagaaca	accagtgat	gggttcactg	gggtcttctt	ttgcttcatt	18600
atctcagact	tggagctgaa	gcagcaggca	acttcaaaac	accaaggggc	acagattgaa	18660
aagccccaag	aaaagcctgc	cctctctagc	caaaggacca	ggaaggagac	agtctaataga	18720
gatggaacac	atthagacag	taactgcccc	tttaccagca	ataactgagc	agggagccta	18780
gacttccagt	cttgtgagga	cgtaccaagg	tacccaacac	ccccaccaag	gctgagtaag	18840
gactgagact	tttatccctg	catggcagta	gtaaggagcc	catccctcac	ccgccagcag	18900
tgtcagggga	acctggactt	ccactcccac	ccaggagtga	tgaggccctc	cctgctgggg	18960
tcatgtcaga	ggaggcctag	tggagattca	gtgacttaac	cttttcccag	agataatgag	19020
gccacctttc	ctccctcttc	ccccatggtg	acagtgaag	cactgtggca	agcagtaggc	19080
actcctaccc	ctcctagcca	gggagggtatc	agggaggcca	agtaggggaa	cagaataccc	19140
acaaccaccc	agcagcaaca	ggggtccccc	accccatggt	gtgtcaatgg	aagcagagcg	19200
gaaagcctgg	atattttaccc	ccatctagaa	gtaacaagct	gatgtccccc	ttcttctact	19260
acaatggtgt	tcaaaacagg	tttaataaag	gtctagagtc	tgataacgta	ataccctaat	19320
cgttgaagtt	ttcattgagg	atcatttata	ccaagagtca	ggaagatccc	aaactgaaag	19380
agagaaaaga	caattgacag	acactagcac	taagagagca	cagatattag	aactacctga	19440
aaggatgtta	aagcacatat	cataagcctc	aacaggctgg	gcgcggtggc	tcacgcctgt	19500
aaccccagca	ctttgggagg	ccgaggcagg	tggatcacaa	gatcaggaga	tcgagaccat	19560
cctggctaac	acggtgaaac	cccgtctcta	ctaaaaatac	aaaaaaaaat	agcaaggcat	19620
ggtgggtgggc	acctgtagtc	ccagctactc	gggagcctga	ggcaggagaa	tggcatgaac	19680
ctgggaagag	gagcagtgag	ccgagatcgc	accaccgcac	tccagcctgg	gcaacagagc	19740
aagacttcgt	cccaaaaaaa	aaaaaaaaaa	aaaaaaaaagc	ctcaacaaac	aactacaaac	19800
gtgcttgaaa	caaatgaaaa	aaaaatcttg	gcaaagaaat	aaaagatata	tatttttgcc	19860
aggtgcagtg	gctcacagcc	tgtaatccct	gcactttggg	aggctgaggc	aggcggatca	19920
cctgaggtca	ggagttagag	accagcctga	ccaacatgga	gaaaccccg	ctctactaaa	19980
aatacaaaat	tagccagtca	tgggtggcaca	tgctgtaat	cctagctact	caggaggccg	20040
aggcaggaga	atcgcttgaa	ctcaggaggt	ggaggttgcg	gtgagccgag	atcccgccat	20100
tgcacattgc	actccagcct	gggcaacaag	agcaaaactc	catctcaaaa	aaatagatac	20160
atattttaat	ggaaatttta	gaattgaaaa	atacagtaac	caaattgaat	ggaaagacaa	20220
catagaatgg	agggggcaga	caaaataatc	agtgaacttc	aacagaaaa	aatagaaatt	20280
acccaatatg	agaacagaa	agaaaataga	ctggccaaaa	aataaagaag	aaaaaagagg	20340
agcagcagga	ggaatgatgg	aaaaagagaa	aggaagggaag	gaagggaagg	agggagggaa	20400
ggagtgaggg	agaaagtctc	aaagacctct	gagactaaaa	taaaagatct	aacacttgct	20460
atcaggggtcc	aggaaagaga	caaagatggc	acagctggaa	acgtattcaa	aaaataatag	20520
ctgaaaactt	cccaaatttg	gcaagagaca	taaacctata	gatttcgaaat	gctgaacccc	20580
aaataaaaaag	cccaataaaa	tccacaccaa	aatacatcat	agtcaaactt	ctgaaaagac	20640
gaaaagagaa	aacgtcttga	aagcagtgag	tgaaacaaca	cttcatgtat	aagggaaaaa	20700
caattcaagt	aacagatttc	ttacagaaat	taagggaagcc	agaagggaat	gacacaatgg	20760
ttttcaagtg	ctgaaagaaa	agaagtgtca	acacaaaatt	ctagattcag	taaaaatata	20820
cttcaagaat	caatgggaaa	tcaagacagt	ctcagataaa	gcaaaaataag	agaatatgtt	20880
gccagcagat	ctcccctaaa	ggaatggcaa	aagggaagatc	atgcaacaga	ccaaaaaatg	20940
atgaaagaag	gaatccagaa	acatcaagaa	gaaagaaata	acatagtaag	caaaaaataca	21000
tgtaattaca	ataaaaatttc	tatctcctct	taagacttct	aaatttatatt	gatgggttgaa	21060
gcaaaaatta	taaccctgtc	tgaagtgtct	ctactaaatg	tatgcagaga	attataaatg	21120
gggaaagtat	aggtttctat	acctcattga	agtggtaaaa	tgacaacact	gtgaaaagtt	21180
acatacacac	acacacgtaa	gtatatataa	atatatgtgt	gtatatgtgt	gtgtatatat	21240
atatatacat	ataatgtaat	acagcaacca	ctaacaacac	tatacaaaga	gataataacc	21300
aaaaacaatt	tagataaatt	gaaatggaat	tctaaaaaat	attcaaatac	tctacaggaa	21360
gacaagacaa	aaagagaaaa	aaagaggagg	acaaactaaa	tttttttaaaa	acataaataa	21420
aatggtagac	ttaagcccta	acttatcaat	aattacataa	atgtaaatga	tctaattata	21480
tcaattaaaa	gacagagata	gcagagttaa	tttaaaaaaca	tagctataag	aaacctgctt	21540
tgggctgagt	gcagtgactc	acacttgtaa	tcccagcact	tcgggaggcc	aaggcgggtg	21600
gatcacctga	ggtcaggagt	tccagaccag	cctggacaac	atggtaatac	cccactctta	21660
ctaaaaatac	aaaaaaatta	gccaggcatg	gtggcacacg	cctgtagtcc	caactactca	21720
ggaggctgcg	acacaagaac	tgcttgaacc	cgggcagcag	aggtagcagt	gggccaagat	21780
tgcgccactc	cagcctgaac	gacagagtga	gactccacct	cagttgaaaa	acaaaaaaga	21840

aacctgcttt	aaatataacca	acatatgttg	gttgaaatta	aaagaataaaa	atatatcatg	21900
aaaacattaa	tcaaaagaaa	ggagtggcta	tattaataac	ataaaataga	cttcagagaa	21960
aagaaaattt	caagagacag	gaataaaaagg	atcaagaaaa	gaccttgaaa	gaaaagcagg	22020
caaatcaatc	attctgcttg	gagattcaac	accctctctt	aacaactgat	agaacaacta	22080
gacaaaaaaa	tcagcatgga	gttgagaaga	acttaacacc	actgaacaac	aggatctaata	22140
agacattttac	ggaacactct	acccaacaat	agcaaaaataa	acattctttt	caagtattca	22200
ctgaacatat	ccttagaccc	taccctgggc	cataaaacaa	agctcactag	tgattgccga	22260
aggcttggat	ggacagtgga	agagctgcat	ggggaggagg	aaggtgacag	ttaaagagtg	22320
taggattttct	ttttgggata	atgaaaatgt	tccaaaattg	attgtggtga	tggtggcgca	22380
actctacaaa	tataaaaaag	gccattgaat	tgtacgtttt	aagtgggtga	aacatatggt	22440
atgtggatta	tatctaacgc	tttttaaaaa	cttaacacat	ttcaaagaat	agaagtcata	22500
cagagtgtgc	tctactggaa	tcaaactaga	aagaggtaac	tggaggataa	cgagaaaagc	22560
ctccaaatac	ttgaaaactg	gacagcacat	ttctaaaatc	atccgtgggt	caaagatatt	22620
cattttctgat	attcattttt	attgtttaat	gtatttttaa	aaatttctta	agggaataa	22680
actgactaaa	aatgaatatg	gctgggtgcg	gtggctcacg	cctgtgatcc	cagcactttg	22740
ggaggccgag	gctggtggat	cacaagatca	ggagttcgag	accagcctgg	ccaagatggt	22800
gaaaccccg	ctcaactaaa	aaactacaaa	aagtagccaa	gcgcagtggc	gggagcctgt	22860
ggtcccagct	acttgggagg	ctgaggtagg	agaatcgctt	gaacacaggc	agcagagggt	22920
gcagtgagcc	aagattgtgc	cactgcacgc	cagcctgggc	gacagagact	gcctcaaaaa	22980
aaaaaaaaaa	aaaaagaata	tcaaaatttg	tgggacatag	ttaaagcaat	gctgagaggg	23040
aaattttataa	cactaaatgt	ttacattaga	aaagagaaaa	agtttcaaat	caatagtctc	23100
cactcccatc	tcaagaacac	agaagatgaa	gagcaaaata	aacccaaagc	aagcaaaaaga	23160
aagaaaatat	aaaaataaat	cagtaaaatt	gaaaacagaa	acacaataaa	gaaaatcagt	23220
gaaacaaagt	actgattctt	cgaaagatta	ataaaattga	caaacctcta	gcaaggctaa	23280
caaacaaaaa	agaaagaaga	cacggattac	cagttattag	aatgaaagca	taattagaaa	23340
caactctaca	cattataaat	ttgacaatgt	agatgaaatg	gactaattac	tgaaaaaaca	23400
caaattacca	caactcacc	aatatgaaat	agataattgg	gatagcctga	taactactga	23460
gaaaattgaa	tttgtaattt	taacactctt	aaaacagaaa	cattaaactt	aatattttat	23520
aaatattaga	taaggtaatt	atacccttcc	ttaacaaata	aaaacgacaa	attattttgc	23580
agctaaagag	atgtatgtac	tgtgaaaaat	atcttcagaa	aaatagaact	ttgtttgaag	23640
aataaggatt	taaaaaatgt	ttttaactct	caagaagcaa	atatctgggc	ccagatgggt	23700
tcactgaaga	attctacca	atgtttaatg	aagaattacc	accaactcta	catagcatct	23760
ttgagaaaac	tgaagagaag	ggaacatctc	ccagttcatt	ttatgaagtg	ggtgttactc	23820
tgatactaga	actgtataag	gacagctact	cttgacacac	tgccatgagg	tagctctgct	23880
ctgcaggaac	agtcagaaaa	aaaaaaaaaa	gaagcactgg	acaagggcag	tataaaaaaa	23940
gaaaactggg	ccaggtgcag	tggctcacac	ctgtaatctc	agcactttgg	gaggctgacg	24000
ctggtggatc	acctgagggtc	aggagtttga	gactagcctg	gccaacatgg	taaaaccctg	24060
tctctactaa	aatacaaaaa	ttagccaggc	aggggtgggtg	ggaaaataaa	aaggaaaaaa	24120
aaacaaaaat	aaactgcaga	ccaatatcct	tcattgagtat	agacacaaaa	ctccttaaac	24180
tccttaacaa	aatattagca	agtagaagca	atatataaaa	ataattatac	accatgatca	24240
agtgggactt	attccagaaa	cgcaagtctg	gttcaacatt	tgaaaacaag	gtaaccact	24300
atatgaacgt	actaaagagg	aaaactacat	aatcacatca	atcaatgcag	aaaaaagcat	24360
ttgccaaaat	ccaatatcca	ttcatgatac	tctaataaga	aaaataagaa	taaaggggaa	24420
attccttgac	ttgataaagc	ttacaaaaga	ctacaaaagc	ttacagctaa	cctatactta	24480
atggtgaaaa	actaaatgct	ttccctacg	atcaggaaca	aagcaaggat	gttcactctc	24540
attgctctta	tttaacatag	ccctgaagtt	ctaacttggt	caaaacgata	agaaagggaa	24600
atgaaagacc	tgcagattgg	caaagaagaa	ataaaactgt	tcctgtttgc	agatgacatg	24660
attgtctcat	agaaaatgta	aagcaactag	gggtaggggg	gcagtggaga	cacgctgggtc	24720
aaaggatacc	aaatttcagt	taggaggagt	aagttcaaga	tacctattgc	acaacatggt	24780
aactatactt	aatataattgt	attcttgaaa	atactaaaag	agtgggtggt	aagcgttctc	24840
accacaaaaa	tgataactat	gtgaagtaat	gcatacgtta	attagcacia	cgtatattac	24900
tccaaaacat	catgttgtag	atgataaata	cacacaattt	tatctgtcag	tttaaaaaaca	24960
catgattttg	gccaggcaca	gtggctcata	cctgtaatcc	cagcatttta	ggaggctgag	25020
gcgagcagaa	aacttgagggt	cgggagtttg	agaccagaat	ggtcaacata	gtgaaatccc	25080
gtctccacta	ataatacaaa	aattagcagg	atgtggtggc	gtgcacctgt	agaccagct	25140
acttgggagg	ctgaggcacg	agaattgctt	gaacaaggga	ggcagagggt	gcagtgagct	25200
gggtgccact	gcattccagc	ctggtgacag	agtgagactc	catctcaaaa	aaaataaaat	25260
aaagcatgac	ttttcttaaa	tgcaaaagcag	ccaagcgcag	tggctcatgc	ctgtaatccc	25320
accactttgg	gaggccgagg	caggcagatc	acaaggtcag	gagtttgaga	ccagcctgac	25380
caacatggtg	aaaccccatc	tctactaaaa	aatatataaa	ttagccaggc	atgtgtagtc	25440
tcagctactc	aggaggctga	ggcaggagaa	tcacttgaac	ccggaggcag	aggttgcagt	25500
gttgagccac	cgcactccag	cctgggtgag	agaacgagac	tccgtctcaa	aaaaaaaaag	25560
caaaataacc	taatttttaa	aacactaaaa	ctactaagtg	aattcagtaa	gtcttttagga	25620
ttcaggatat	atgatgaaca	tacaaaaatc	aattgagctg	gacaaaggag	gattgtttta	25680
ggtcagtagt	ttgaggctgt	aatgcacaat	gattgtgcct	gtgaatagct	gctgtgctcc	25740

agcctgagca	gcataatgag	accacatctc	tattttaaaaa	aaaaaaaaatt	gtatctctat	25800
gtactagcaa	taagcacatg	ggtactaaaa	ttaaaaacat	aataaatact	gtttttaatt	25860
gcctgaaaaa	aatgaaatac	ttacatatata	atctaacaaa	atgtgcagga	cttgtgtgct	25920
gaaaactaca	aaacgctgat	aaaagaaatc	aaagaagact	taaatagcgt	gaaatatacc	25980
atgcttatag	gttggaatac	ttaatatagt	aaagatgcca	attttatcca	aattattaca	26040
caggataaca	ttattactac	caaaatccca	gaaaaatttt	acatagatat	agacaagatc	26100
atacaaaaat	gtatacggaa	atatgcaaag	gaactagagt	agctaaaaca	aatttgaaaa	26160
agaaaaataa	agtgggaaga	atcagtctat	ccagtttcaa	gacttacata	gctacagtaa	26220
tcaagactgt	gatattgaca	gagggacagc	tatagatcaa	tgcaaccaaa	tagagaacta	26280
agaaagaagc	acacacaaat	atgcccacaa	gatttctgac	aaaggtgtta	aaacacttca	26340
acgggggaag	atatgtctct	cattaaaggg	tgtagagtca	ttgcacatct	ataggcaaaa	26400
agatgaacct	gaacctcaca	ccctacagaa	aaattaactc	aaaatgactc	aaggactaaa	26460
cataagatat	acatctataa	aacatttaga	aaaaggccac	gcacggtggc	tcacgctcgt	26520
aatcccagca	ctttgggagg	ccaaggcagg	tggatcacct	aaggtcagga	gtttgagacc	26580
agccggatca	acatggagaa	gccccatctc	tactaaaaat	acaaaattag	ctggacgtgg	26640
tggcacatgc	ctgtaatccc	agctacttgg	gaggctgagg	catgagaatc	gcttgaaccc	26700
ggggggcgaga	ggttgcggtg	agccaagatc	acaccattgc	actccagcct	gggcaacaag	26760
agcaaaaactc	caactcaaaa	aaaaaaaaaaa	aaaggaaaaa	tagaaaatct	ttgggatgta	26820
aggcgaggta	aagaattctt	acacttgatg	ccaaactaag	atctataagg	ccagtcgtgg	26880
tggctcatgc	ctgtaattcc	agcactttgg	tcaactagat	gaaaggtata	tgggaattca	26940
ctgtattatt	ctttcaactt	ttctgtaggt	ttgacatttt	tttagtaaaa	aattggggga	27000
aagacctgac	gcagtggctc	acacctgtaa	tcccagcact	ttgggaggcc	ggggcaggtg	27060
gatcacacgg	tcaggagtcc	gagaccagcc	tggccaacat	ggtgaaaccc	cgtctctacc	27120
aaaaatataa	aaaattagcc	gggtgtcatg	gtgcatgcct	gtaatcccag	ctactgagga	27180
ggctgaggca	ggagaatcac	ttgaacctgg	gaggtggaag	ttgcagttag	ccgagattgt	27240
gccactgcac	tccagccttg	ggtgacagag	cgagactccg	tctcaaaaaga	aaaaaaaaaaa	27300
aaagaatatc	aaacgcttac	tttagaaaact	atttaaagga	gccagaattt	aattgtatta	27360
gtatttagag	caatttttat	gctccatggc	attgttaaata	agagcaacca	gctaacaatt	27420
agtggagtcc	aacagctggt	aaatttgcta	actgtttagg	aagagagccc	tatcaatatc	27480
actgtcattt	gaggctgaca	ataagcacac	ccaaagctgt	acctccttga	ggagcaacat	27540
aaggggttta	accctgttag	ggtgttaatg	gtttggatat	ggtttgtttg	gccccaccga	27600
gtctcatggt	gaaatttgtt	ccccagtact	ggaggtgggg	ccttatttga	aggtgtctga	27660
gtcatggggg	tggcatatcc	ctcctgaatg	gtttggtgcc	attcttgcag	gaatgagtga	27720
gttcttactc	ttagttccca	caacaactgg	ttattaaaaa	cagcctggca	ctttcccca	27780
tctctcgtct	cctctctcac	catgtgatct	cactggttcc	ccttcccttt	atgcaatgag	27840
tggaaagcagc	ctgaagccct	cgccagaagc	agatagtgat	gccatgcttc	ttgtacagcc	27900
tacaaaacca	tgagcccaat	aaaccttttt	tctttataaa	ttatccagcc	tcaggtattc	27960
ctttatagca	agacaaatga	accaagacag	ggggaaatca	acttcattaa	aataatctat	28020
gcagtcacta	aacaaataag	aacaagaggc	tccagaagtg	ggaagccaat	acccagagtt	28080
cctacaatac	agtatctgaa	aagtccagtt	tccaacccaa	aaatatatat	atacaggccg	28140
gacatggtag	cttatgtctg	taatcccagc	actttgggat	gctgaggcgg	gcagatcacc	28200
ctaggtcagg	agttcgagac	cagcctggcc	aatatggcaa	aaccccgtct	ctactaaaaa	28260
tacaaaaaat	agccaggcat	ggtggtggat	gcctgtaatc	ccagctactc	gggaggctga	28320
ggcaggggaat	cacttgaacc	caggaggcag	aggttgcagt	gagccgagat	cacgccactg	28380
aactccagcc	tgggcaacaa	agtgagactc	cacctcaaaa	aaaaaaaaaaa	tatacatata	28440
tatatgtgtg	tgtgtgtgtg	tgcgcgcgtg	tgtgtatata	cacatacaca	tatatacata	28500
tatacagaca	cacatatata	tatgaagcat	gaaaagaaac	aaggaagtat	gaaccatact	28560
ttctgtgggt	atgataggat	gggtatcac	gggggaagta	gacaagggaa	actgcaagtg	28620
agagcaaaca	gttatcagat	ttaacagaaa	aagactttgg	agtaaccatt	ataaatatgt	28680
ccacagaatt	aaagaaaagc	gtgattaaaa	aaggaaagga	aagtatcata	acaatattac	28740
tccaaataga	gaatatcaat	aaaggcatag	aaattataaa	atataataca	atggaaattc	28800
cggagttgaa	aggtagaata	actaaaattt	aaaattcact	agagaagggt	caacactata	28860
tttgaactgg	cagaagaaaa	atttagtgag	acaaatatac	ttcaatagac	attattcaaa	28920
tgaaaaataa	aaagaaaaaa	gaatgaagaa	aaataaacag	aatctcagca	aatgtggca	28980
caccattaat	cacattaaca	tatgcatact	gagagtaccg	gaagcagatg	agaaagagga	29040
agaaaaaata	ttcaaattgat	ggccagtaac	ttcctagatt	tttgttttaa	agcaataacc	29100
tatacaatca	agaaactcaa	tgaattccaa	gtaggataaa	tacaaaaaga	accacaaaca	29160
gatacaccat	ggtaaaaatg	ctgtaagtca	aaaacagaga	aaatattgaa	agcagctaga	29220
ggaaaactta	taagagaacc	tcacttacaa	aagaacatca	cttataaaaag	aaccacaata	29280
atagaaacag	ttgacctctc	atcagaaaca	atgaatgata	acatatttga	agtgtctaaa	29340
gaaaaaaaat	aaagattcct	atatacgaca	aagctgtctt	tcaaaaatat	acatccaaaa	29400
ggattgaaac	cagggctctg	aagagttatt	tgtacatcca	tgttcatagc	agcattattc	29460
acaatagcca	aaaggtagaa	gcaacccaag	ggtccatcga	caaataaata	aatgtggta	29520
tatgtataca	caatggaatt	tattcagtat	taaaaaggaa	tgaaattctg	acacatgcta	29580
caacatggct	aaaccttgag	aacactatgc	taagtgaat	aagccagcca	caaaaggaca	29640

aataccatat	tacttcactt	gtatgaaata	cctagggtag	tcaaattcag	agatagaaag	29700
taaaacagtg	gttgccaagg	gctgagggag	ggagtaacgt	ggagttattg	ttgaatgggt	29760
acagaatttc	agttttgcaa	gataaaaaga	gttctggaga	cagatgggtg	tgaggggtgg	29820
acaacaatac	aaatatactt	tatactactg	aacagtatac	ttaaaaatga	ttaacatggt	29880
gaaaccccgt	ctctactaaa	aatacaaaaa	aattagctgg	gtgtgggtgg	gggcacctgt	29940
aatcccagct	acttggggag	ctgagggcag	agaattgctt	gaaaccagaa	ggcggagggt	30000
gcagtgagct	gagattgctc	caccgcactc	tagcctgggc	aataagagca	aaactccgtc	30060
tcaaaaaata	aaaaataaaa	aaaattttaa	aatgattaag	caggaggcca	ggcacgggtg	30120
ctcacaccta	taatgccagc	actttgggag	gccgaggcag	gcatcactt	gagaccagga	30180
gtttgagacc	agcctggcca	acatggcaaa	accctgtctc	tgctaaaaat	acaaaaatta	30240
gccaggcatg	gtggcatata	cttataatcc	cagctactgg	tgagactgag	acacgagaat	30300
tgcttgaacc	caggaggcag	agattgcagt	gagtcgagat	cgcgccactg	aattccagcc	30360
tgggcgacag	agcaagattc	tgtctcgaaa	aaacaaaaac	aaaaacaaaa	agcaaaacca	30420
aaaaataatt	aagcaggaaa	cgagattgct	gctgaggagg	agaaagatgt	gcaggaccaa	30480
ggctcatgag	agcacaaaaa	ttttcaaaaa	atgtttaatg	attaaaatgg	taaattttat	30540
atgtatctta	ccacaaaaaa	aagggctggg	gggcaggaaa	tgaagggtga	ataaagacat	30600
cccagagaaa	caaaagtaga	gaatttggtg	ccttagaaga	aacaccacag	gaagttcttc	30660
aggctgaaaa	caagtgaccc	cagagggtaa	tctgaattct	cacagaaaat	tgaagcatag	30720
cagtaaaggt	tattctgtaa	ctatgacact	aacaatgcat	atTTTTTctt	ttcttctctg	30780
aatgatttta	aaaagcaatt	gcataaaaata	ttatatataa	agcctattgt	tgaacctata	30840
acatatatag	aaatatactt	gtaatatatt	tgcaataaac	tgcacaaaag	agagttggaa	30900
caaagctggt	actaggctaa	agaaattact	acagatagta	aagtaatat	acagggaact	30960
taaaaataaa	atTTTTTaaa	atTTTaaaat	aataattaca	acaataatat	ggttgggttt	31020
gtaatattaa	tagacataat	acaaaaatac	cacaaaaagg	gaagaagaca	atagaactac	31080
ataggaataa	catttttggt	tctaactaga	attaaattat	aaatatgaag	tatattctgg	31140
taagttaaga	cacacatggt	aaaccctaga	tactaaaaag	taactcacat	aaatacagta	31200
aaaaaataaa	taaaataatt	aaaatgtttg	tattagtttc	ctcagggtac	agtaacaaac	31260
taccacaaat	tgagtggctt	aacacaactt	aatgtatttt	tctcccagtt	ctggaggcta	31320
aacacctgca	atcaaggtga	gtacagggcc	atgctccctg	tgaaggctct	aggaaagaat	31380
cctcccttgt	ctcttccagc	ttccagtggg	tctcagtaac	cctaagtgtc	ccttggcttg	31440
tagctatatc	attcctagca	accagaaaaga	agaaaataat	aaagattatg	gcaaaaaata	31500
atgaaatcaa	aaggagaaaa	atggaaaaaa	ataaataaaa	ccaaaagcta	gttctttgaa	31560
aagatcaacc	aagttaacaa	acctttttaac	tagactgaca	aaaaggaggt	aagactcaaa	31620
ttactagaat	cagaaataaa	agagggggaca	ttactaatga	gggattagaa	aagaatacta	31680
cgaacaaatg	tgtgccaaca	aattagaaaa	cttagatgaa	atggacaggt	tcctaggaca	31740
acatcaacta	ccaaaattta	ctcaagaaga	aagagacaat	ttgaatgagc	tataacaagg	31800
gaagagactg	aattgacaac	caagaaacta	tccacaaaga	aaatcccagg	cccagaagat	31860
ttcactgtga	aattctttca	aacttataaa	tataaattaa	catcagttct	tcacaaactc	31920
ctccaaaaaa	agaacagat	ctctattttac	aggcgatacg	atcttttagaa	aatcctaagg	31980
gaactactaa	gacactatga	taactgataa	acaagttcag	caaggctgca	ggatagaaaa	32040
ccaatataca	aaaatctatt	atattttctat	acacttgacg	tgaacaaccc	aaaaatgaga	32100
ttaagaaaat	aattcaattt	acaataacat	caaaaagaat	aaaaacactc	aaaaataaat	32160
ttattcaagt	aagtgcaaaa	cttataactct	agaagctaca	aaacactggt	aaaagaaatt	32220
aaagggtttac	ataaatgaaa	aactatccca	tgttcatgga	tcaaaagact	tattactggc	32280
aatgctctcc	aaattgatct	ataaatccaa	caaaatcctt	atcaaaatcc	cagatgaggc	32340
tggggggtgg	ggttcatgcc	tgtaatccca	gcactttggg	aggctgaggg	acgcagatta	32400
cctgaggtcg	ggagctcgag	atcagcctga	ccaacatgga	gaaaccctat	ctcttctaaa	32460
aatacaaaat	tagtcaggcg	tggtggcaca	tgctataat	cccagctact	cggaagctg	32520
aggcaggaga	atcgcttgaa	cccaggaggc	agaggttgca	gtgagccaag	atcgtgccat	32580
tgcactccag	cctgggcaac	aagagcaaaa	ttccatctca	aaaaaaaaaa	aaaaaaaaatc	32640
ccagatgact	tactgttgga	aattgaaaag	attattctaa	aattcacatg	gaattgcaag	32700
accttgagaa	tagccaaaac	aaacttgaaa	aacacgaaca	aaatatagga	tgactcactt	32760
gccaattgca	aatgttacga	cacagcaaca	gtaatcaaga	ctgtgtggta	ctggcaaaag	32820
acacatacat	acatacatat	caatggaata	taattgagag	tacagaaaca	agcctaaca	32880
tctatggtaa	gtgcttttct	atTTTTTtct	TTTTTTTTTT	ctTTTTTgta	gagatagaat	32940
ctcaccatgt	tgcccagggt	ggtcttcaac	ttctgggctc	aagcaatcct	cccactgtgg	33000
cctcccaaag	tgctgggata	actggcatga	gccaccacat	ccagcccaga	tgattttcaa	33060
aaaagtcaac	aagaccattc	ttttcaacaa	ataggtctgg	gatgatcaga	tagtcacatg	33120
aaaaaaaaaa	tgaagttgga	ccctccatca	cactaaagtg	ctgcgattat	aggcatcagc	33180
caccacatcc	agcccaaagt	atTTTTTaaa	aggtcaacaa	gaccattctt	ttcaacaaat	33240
aggtctggga	taatcagata	gtcacatgaa	aaaaaaaaatg	aagttggacc	ctccatcaca	33300
ccatatgcaa	aaattaattc	aaaaatgaat	tgatgactta	aacgtaagag	ttacgactgt	33360
aaaactctta	gaaggaaaca	tacgggtaaa	tcttaaagac	gttaggtttg	acaaagaatt	33420
cttagacatg	acaccaaag	catgaccaac	taaggtaaaa	tagggtaaat	tgtacctacc	33480
aaaatgaaaa	acctttgtgc	tggaaaggac	accatcaaga	aatggaaagc	caaaatagcc	33540

aaggcaatat	taagcaaaaa	gaacaaagct	ggaggcatca	tactacctga	cttcaaagca	33600
acagtaacca	aaacagcatg	gtactagtag	aaaaacagac	acatagacca	atggaacaga	33660
ataaagaacc	caaaaataaa	tccacatatt	tatagtcaac	tgatttttga	caatgacacc	33720
ccttcaataa	atgatactag	gaaaactgga	tatcgatatg	cagaagaata	aaactagacc	33780
cctatctctc	accatataga	aaaatcaact	cagactgaat	taaagacttg	aatgtaagac	33840
ccaaaactat	aaaactactg	gtagaaaaa	taaggaaaaa	cgcttcagga	cattgggtcca	33900
ggcaaagatc	ttatggctaa	aacctcaaaa	acacaggcaa	caaaaacaaa	aatggaaaaa	33960
tagcacttta	ttaaactaaa	aagctcctgc	acagcaaagg	aaacaacaga	atgaaaagac	34020
aacctgtaga	atggggagaaa	atatttgcaa	actatccatc	catcaaggga	ctagtatcca	34080
gaacacacaa	gtgactaaaa	caactcaaca	gcaaaaaagc	aaataatctg	gtttttatat	34140
gggcaaaaaga	tctgaataaa	cattctcaaa	ggaagacata	caaatgtcac	tatcattctg	34200
ccagtaccac	actgtcttga	ttacttggtt	gtgtataaat	ttttaaattg	ggaagtgtga	34260
gtcatcctac	actttgttct	tgtttttcaa	gtttgttttg	gctattctgg	gagccttgca	34320
agtataaaat	agccaacaag	tatgaaaaaa	tgctcaccat	cactaatcat	cagagaaata	34380
aaaatcaaga	ccactatgag	atatcctctc	actccagtta	gaatggctac	tatcaaaaag	34440
acaaaatata	atggatgctg	gcaaagattt	ggagaaaagg	gaactcctat	acactgtggg	34500
tagggatgca	aattgggta	ggccattatg	gaaaataata	ctgagggttt	tcaaaaaact	34560
gaaaatagaa	ctaccatatg	atccagcaac	cctactactg	ggtattttat	caaaggaaag	34620
aagtcagtat	actgaagaaa	tatatgcact	ctcatgttaa	ttgcaacact	gttcacaaca	34680
gccaagacag	ggaataaatc	taaatgtgca	tcaacagatg	aatggataaa	gaaaatgtgg	34740
catatacact	caatagaata	ctattcagcc	attaaagaag	aatgaaatcc	tgtcatccca	34800
gcaacatgga	tgaacctgga	ggacattata	tttaaatgaa	taagtaaagc	acaaaaagat	34860
aaacagtaca	tgttctcact	cagacatggg	tgctaaaaag	aaaatggggg	cacagaatta	34920
gaaggggagg	cttgggaaaa	gttaatggat	aaaaatttac	agctatgtaa	gaagaataag	34980
ttttagtgtt	ctatagaact	gtagggcgag	tatagttacc	aataacttat	tgtacatgtt	35040
caaaaagcta	gaagagattt	tggatgttcc	cagcacaag	gaatgataaa	tgtttgtgat	35100
gatggatata	ctaattaccc	tgattcaatc	attacacatt	gcatacatgt	atcaaattat	35160
cactctgtac	ctcataaata	tgtataatta	ttacgtcaac	aaaaaaagga	aaaaaaagaa	35220
aattaagaca	acccacataa	tggagaagaa	aaaatatctg	caaattatat	atatctgata	35280
aatattta	atttataata	tataaagaac	tcctacaact	caagaacaac	aacaaaacaa	35340
cccaattcaa	aatgggtaa	aagccttgaa	tatacactta	tctaaagact	atatacaatt	35400
ggccaataaa	gacacgaaaa	gatgctcaac	atcactagtc	atcagggaaa	tataaatcaa	35460
aaccacaatg	tagaatgtag	acaccacttc	atatgcacta	ggatggctag	aataaaaaagg	35520
taataacaaa	tgttggtaag	gatgtgaaaa	aatcagaaac	ctcattcgct	gctgttgga	35580
atgtaaagt	atgcagccac	tttggaaaac	agtctggcag	ctcctcaaat	tattaaatac	35640
agagttaccg	tatgaccacg	gaatattcct	cctgggtcta	taacccaaaa	aatgaaaaca	35700
tatatccaca	taaaaacttg	tacatgggca	tttatagcaa	cattattcat	aacagcaaag	35760
gtggtaagaa	cccatatgcc	catcatctga	tgaacaggta	aataacatgc	ggtattatcc	35820
atacactaga	atattatctg	cccatacaag	gagtgcacac	cagctacatg	ctacaaggat	35880
gaatctcgga	aaccttatgc	taagtgaag	aagccagtca	caaatgacca	cagattatga	35940
ttccatgcat	cggaaatgac	cagaatagg	aaatctatag	agacagaaag	tagattagt	36000
gttgggtggg	gctgggagga	caggtagtac	actactttcc	cagaactact	ggaacaaagt	36060
accacaaact	ggggagctta	aacatagaaa	ttgattttcc	cacagtctct	gagactagga	36120
ctctgagatc	aagggtgtcag	cagagctggg	tctttctgag	ggcctgagg	caaggctctg	36180
tcccaggcct	ctctccttgg	ctggcagggt	gccatcttct	ccctgcgtct	tcacatcatc	36240
ttttctctgt	gtgtgcccac	gtccaaattt	tgattggctc	attctgggtc	atggccaatt	36300
gctatgcaca	aagtgaagtc	tacttccaaa	agaagggaag	agggaacact	gactaggcta	36360
aacttatagt	cattttaatg	tccgcttttc	ctatgagatt	gtgaacacac	agaagtagg	36420
tttttatcta	cattgtgcaa	agtttaataa	gaaaaataga	attcaagaga	agcagttcaa	36480
tagcaggaat	ttaatattgg	aactaattac	aagggttagg	gcaggactaa	aaagccagtt	36540
gggatgggtga	gccaaccacg	agattagcaa	cagtgggacc	ccatctacct	accacccatg	36600
aagctggaag	gataaaggag	gggctattat	cagagtcac	aagccagtgt	cagagtcctt	36660
ggctggagct	gggaccaccc	tagagacact	gtgcaaagca	gaaaacaagg	gggaaaaacc	36720
ctgacttctc	ccttcctccc	acctttcaat	ctcccactag	tgcttcctac	tagccatact	36780
tggccagaga	cagtgacaag	gaacactgca	aatgaagtt	tgtaggaatc	atctccctct	36840
gagacagaga	aatatggaag	ggtagaaaat	gaatcagagg	ataaagagaa	aaaaccctga	36900
gtactatctt	atttatcttt	gtatctccag	tgcctaattc	gtctctcaaa	aaaggaaagc	36960
aattgagaga	aactgaaaac	tccaattgaa	atgaaagaat	ggagaattac	tggactagaa	37020
gagaagagaa	aaatttattc	cgcataagag	aaacaagaat	ggattcacaa	aggacgtgat	37080
gaatgaaaag	ctataatcag	caaagatttg	ccagagaaat	taaaaagtgg	taaactcagc	37140
cacgctgtac	aacctgaagg	cacaatgcat	gaaaacgttt	caagaaatga	caagatttga	37200
agtcaaattc	taagtgtctt	tccagaatct	ctcaagacga	ttatatagct	accccatttt	37260
attaaataaa	atggaaactt	actaaacttt	ccccttgat	taaactaaca	tatgtcctaa	37320
tagcaaacga	ttctggaatt	cctagagtaa	aatatatttc	gtcaaagtgt	attgctcttt	37380
taatattctg	ctgacctcct	tttgctattt	aggatatttg	tatacacatc	acacgtaaat	37440

ttgggtctata	gtttacatct	acgggcttat	actgttcttt	ttttcatttt	tttaaaattt	37500
ccaacccccca	gtatccatat	actgctctct	atcagggtta	ttttaacttt	gtaaaatcag	37560
ctgagatgct	ttccatgttt	ttttttttta	ttttctgcc	catttgaata	gcataggagt	37620
taccaccatc	aaccttggat	tatttaagca	ttcacgattc	cacgtgtgga	ttttttattc	37680
agagtctttc	ttgtcattcc	tgctatcagc	acagaaccca	atctcagctt	tccagctata	37740
ctctcacccc	atggaatttg	cagatgaagt	tcaaaaggac	ctttgcatta	tcctgcctcg	37800
ccctcttccc	ccttcattta	gacatcacct	tcttctagaa	cgtcttacct	gacatgccct	37860
gctcccaacc	cctgctgccc	aattgtgtgc	tctcccgtgt	cctggcctgc	catcctcttt	37920
agtaattgcc	tgctccctca	tctgtctccc	cacccagaca	ttaagctgaa	tagactggat	37980
ttgtgtcttg	tccatcacta	taatctcagc	acctagtacc	tagtaggtac	ttaccatgta	38040
ttcattagca	aaatgttatg	tataaccttg	caccttaaaa	acaagagaag	gaagacaaaa	38100
ttaagtctta	agactatggg	ttagaacatg	gatcagaaac	tacagtctgc	agcccaaata	38160
cagaccaaat	gaagagacca	tgttcattta	catacaacct	atagcagctt	tcacactaca	38220
ggagcagagc	taagtagttc	caagggaaca	cacggccctg	caaagcctaa	aatatttact	38280
ctatagctct	tcacagaaaa	agttttcaga	tcctctgctt	agaactcttg	ttcatatgca	38340
atttcactaa	accatagttt	tttgggtttg	tttgggtttt	tttggcaaaa	aggaatgagc	38400
cgatccagaa	aaggttgaaa	agaatgaatc	attactgctg	aaagaatgtg	cacacagtcc	38460
gtcagtattc	tgctgccatg	ctgacaccca	tccaatagtg	tcagttagatg	cagcagctac	38520
tactgtgttc	tcaatgccga	gtccacccac	tccataacca	tgtccaagca	atcttgggaa	38580
catcatcacc	atgcttggtt	atccttaagg	tattgcctca	catacagcag	tggctggtca	38640
taaagtcaaa	tgacactagt	ggccaggagg	tcaagagaat	gagttagggac	aggtgggtag	38700
gcagcccagg	ccctagcaac	agcaggagct	cacccctcag	tcactctagc	caggactgaa	38760
atacttttca	ccctttcaag	agagactagg	aatctggatt	tttatgtgaa	atatcttgat	38820
tactaaatgt	tgtcaacaga	catgtcaaaa	ggtaaaacta	agtaagttca	tggggcagat	38880
tgactattca	ggttatagaa	ttaaggattc	ttatccaaca	cagataccaa	ccaaaaagct	38940
gacgtataac	atattaggag	aaactatgtg	cactgtcgaa	acatcaacaa	ggggctaata	39000
tctaaaatag	tctatatattg	attccagttg	aaacatgggg	aaaggacatg	aacaggcaac	39060
ttatgtcaat	ggaaactcaa	aaagataaca	agcatatata	aaagcattct	caaattcagt	39120
agtaaacaga	cagatgcaaa	taaaaagagg	gaaactgctg	ccgggcacag	tggctcacac	39180
ctgtaatccc	agcacttttg	gaggccgagg	cgggcggatc	atgaagtcag	gagatcgaga	39240
ccatcctggc	taacatgggtg	aaaccccgtc	tctactgaaa	acacaaaaaa	ttagccaggc	39300
gtagtggttg	gcaccagtag	tcccagctac	tcaggagggt	gaggcaggag	aatggcatga	39360
accaggagg	cggagattgc	agttagccga	gaccatgcc	ctgcactcca	gcctgggcga	39420
ctgagtgaat	ctccatctca	aaaaatataa	taataattat	aattataata	ataataaata	39480
gtaaataaat	aaaaagagag	agactgctaa	agtctagaaa	gttgaatgat	gccaagcgca	39540
tgcaaaagatc	agggccttgg	gatggccggg	tgcaagtggc	cacgcctgta	atcccaccac	39600
tttggggaggc	caaggcgggc	ggatcatgag	gtcaagagat	caagaccatc	ctggccgaca	39660
cagtgaacc	cggctctctac	taaaagtaca	aaaaaatata	tatatatata	tatatattata	39720
tattatatat	atatatatca	gagccttggg	aatccttgtg	tgctgctggg	gaaggtagtg	39780
gtgcagccac	ccttgacagc	aatctggcag	tacttgggtta	tattaagtat	aggcacacac	39840
cacgaccagg	cagtcctact	cctgggtcta	aatcccaaag	aattctcaca	caagtccata	39900
aggagacatg	tacgaggctc	attcagcatt	actgggagtg	ggaatcaacc	tgggtgtcca	39960
tctacaggag	acgagatgga	caaaatgtgg	tggatattaa	gaccagaatc	accaagtaac	40020
agagatgggt	ggtgagtgac	aatcctaaga	tacagaataa	aggctagaac	atgatgccat	40080
tcagtgaat	taaaaataga	tgacacacaa	gcagtatacg	cgtgaccctt	gaatagcaca	40140
ggtttgaact	gcctgtgtcc	acttacatgt	ggattttctt	ccacttctgc	tacccccaa	40200
acagcaagac	caacccctct	tcttctctct	ccccctcagc	ctactcaaca	tgaagatgac	40260
aaggatgaag	actttttatga	taatccaatt	ccaaggaact	aatgaaaagt	atattttctc	40320
ttccttatga	ttttctttat	ctctagctta	cattattcta	agaatatggg	acataatata	40380
catcacacgc	aaaataaatg	ttaattgact	gtttatatta	tgggtaaggc	ttccactcaa	40440
cagtaggctg	tcagtagtta	agttttggga	gtcaaaaagt	atacacagat	tttcaactgt	40500
gcaggcaatc	agttcccctg	accccctcat	tgttcacggg	tcaactgtat	atacacaaaa	40560
gtattatatg	aacctcatta	gaatagctgt	ctataggagg	aagagaatga	gagtgggata	40620
aaacggaatg	aacaaataaa	ccaacaaatg	cattaacaag	caaaacaaca	gaggggcttg	40680
catggggccag	tgatgataaa	gggctaagaa	tgagaatata	attaattcaa	ttcctcacac	40740
ctgagggtcta	aaaccaagga	aagggagggc	caggcgtgga	ggctcacgcc	tgtaatccca	40800
gcacttttggg	aggctgaggg	gggcgggatca	caagattagg	agtttgagat	cagcctggcc	40860
aacacagtg	aagcccatct	ctacaaaaaa	tacaagaatt	acccagggtg	gggtggcacat	40920
gcctgtagtt	agctactctg	gaggctgagg	caggagaatc	acttgaaccc	aggaggcgga	40980
ggttgcagg	agccgagatc	acaccattgc	actccagcct	gggtgacaga	gtaagactct	41040
gtctcaaaaa	aataaaaaaa	ataaaaaaac	agagaaagg	aggaaactag	atccaggctg	41100
actagatata	gccttttagag	ttagaaaaga	tgatttgaca	atctaagccc	acactcagat	41160
tgaatgaaat	tgaaaagcct	ttcaaaactaa	aacatttaat	tacaccatct	gctgcagaca	41220
gaactcagac	aactcaaaca	ggtaatgtca	gcgtgggtgt	ttatatcacc	accctcaaca	41280
cagaataaaa	atcagctgca	tgtgaagcag	tgactagaat	gaagaaaagg	ctgcttctta	41340

cttccttcta	gtggttcttt	ccgaaaacat	taataggcac	cagctctatg	catgtcaccc	41400
tgcagggaga	catggggtat	ataactatga	cttactgttc	attcctcaag	gaattcccaa	41460
tcttgtggaa	gattatacac	aatgaggcaa	caaaaactat	ccaataaaaac	cacggaaaag	41520
aagccagtga	caaagaagcc	agtgatgaaa	ggccctgtga	gcagagctga	tggccatttg	41580
gggaagaaag	accaacatgg	atgggggtga	tcaggggtggc	tccgtgggaa	agctggaaga	41640
gaagtggcag	atctctgagc	tggatgatgg	gccactacca	tctgtatatg	gctaattaaa	41700
gaccatgtgt	ggatttttta	ttcagctctt	tcgtgtcatt	cctgctatca	gcacagaacc	41760
caatctcaac	tttccagcta	tattgagcta	aactttctac	ctcatggaat	ttgcagataa	41820
agttcaaaaag	gaccccttgc	ttttcaaaaat	aatttttgaat	ggttgagtag	tccctctgtg	41880
ctctctcact	gacacccctc	caaggctgct	gagcacgtgc	catgctatgg	ctttctccaa	41940
catcaggaaa	tgttctccac	tcagtttcac	cttaatacaa	atgtgttctc	tcttcagaga	42000
aggcaaaaaa	attcatgacc	atctgactgg	gagaagtcac	ttctaggtaa	agtgtccatc	42060
tttttctgag	gaacacagga	ggaaaatctt	acagaaaaga	gttaacacag	caggcctaag	42120
actgcttttt	aaaataaata	aataaataaa	taaataaata	aataaataaa	taaataaata	42180
aataaatgaa	tgatagggtc	ttctgtattg	gccaggctag	tctcaaattc	ctggcttcaa	42240
gagatcctcc	caccttggtc	tcccacagtg	ttgggattat	agacatgagc	cattgtgctt	42300
ggcccaagac	tgttattctt	aaaaagtctc	ataaaaagca	tgggttaatcc	ttggctggca	42360
cctgggaact	tagatttcag	aagggttccc	accatccaac	ctggaaagag	ggactcactg	42420
tgcctaaatt	attgtgtggt	ttatgctgaa	ctcctgcttt	tcttcaggta	gcgtggaatg	42480
tgggtatgtc	tgggcaaagg	gggcctgcat	gaccagcccc	caataaaaac	cctgggtggt	42540
gggtctctag	tgagtttccc	tggtagacag	catttcacat	gcgttgtcac	agctccttcc	42600
tgggggagtt	aagcacatac	atcctgtgtg	actgcactgg	gagaggatgc	ttggaagctt	42660
gtgcctggct	tcctttggac	ttggcccat	gcacctttcc	ctttgctgat	tgtgctttgt	42720
atcctttcac	tgtaataaat	tacagccgtg	agtacaccac	atgctgagtc	ttccaagtga	42780
accaccagat	ctgagcatgg	tcctgggggc	ccccaacaca	gaaataaatt	ataaaaagacc	42840
aaggactggg	catggtggcc	catgccggta	atctcagcgc	tttgggaggc	cgaggcagga	42900
ggaccagtta	agcccaaaaag	ttcaaagtta	cagtgcacta	tgactgcgcc	aatgcactct	42960
aacctgggag	acagagcaag	accctgtccc	caaaacaata	aactaaacac	atacttctgc	43020
cttccaagtg	tcttaaaaatt	caatggaatg	gtagaacat	ttttaaaaca	ctaaatcaaa	43080
agaaacctgg	aaaacaagag	tgccgatggc	caactaaaat	gtctaggaaa	tttctgaaaa	43140
gtaaaaagta	ctcagaacca	gattacctga	gcaaaccata	gccaataca	agcttgggag	43200
gaggctgtta	tgacagaagga	aatggtaaca	ggtttccagg	aacagacttg	taacagcaga	43260
tagaacagca	gaggtagaac	ctgacaaggt	gattacctgg	ggaactgcag	tctgaatgac	43320
caggactggt	ggacccttcc	cctcacatgg	aatacacacg	ccactcagca	gcacaccaca	43380
gctcttcaac	aatcacagga	ggcacgctac	gcctagtaag	acaggaaaaa	aggaattctc	43440
aaacttcgaa	gatgaacaca	taaagaatca	ccaagttttt	attcagtatg	atgaaacagg	43500
gacactgaat	caacagaaca	caaaccacaag	caaagataat	tactagagca	catagaagaa	43560
attattagat	attcttgagg	agacctaagg	ggacattata	aagagcaagc	agttggtatg	43620
tgacgatctt	tgtgatatac	caagaaataa	aaacacagga	tgaagaccag	atagagaata	43680
atgctactat	ttgtgcaaaa	aaggagaaat	ggagaatctg	attcatatth	gcttgtatth	43740
gcatgaagaa	actttggaag	gtacataagt	aactaacaac	aatgggttacc	tacttgtaag	43800
gcgagagaag	taagaggaca	ggaatggtgg	gaacaccttt	tgtgtccgga	attggtgggt	43860
tcttgggtctg	acttgagaga	tgaagccgtg	gaccctcgcg	gtgagcgtaa	cagttcttaa	43920
aggcgggtgtg	tctggagttt	gttccttctg	atgtttggat	gtgttcggag	tttcttcctt	43980
ctgggtgggtt	cgtagtctcg	ctgactcagg	agtgaagctg	cagaccttcg	cggcgagtgt	44040
tacagctctt	aagggggcgc	atctagagtt	gttcgttcc	cctgggtgagt	tcgtgggtctc	44100
gctagcttca	ggagtgaagc	tgacagacct	cgaggtgtgt	gttgcagctc	atatagacag	44160
tgcagaccca	aagagtgagc	agtaataaga	acgcattcca	aacatcaaaa	ggacaaacct	44220
tcagcagcgc	ggaatgcgac	cgcagcacgt	taccactctt	ggctcgggca	gcctgctttt	44280
attctcttat	ctggccacac	ccatatcctg	ctgattgggtc	catttttacag	agagccgact	44340
gctccatttt	acagagaacc	gattgggtcca	tttttcagag	agctgatttg	tccattttga	44400
cagagtgtctg	attgggtgcgt	ttacaatccc	tgagctagac	acagggtgct	gactgggtgta	44460
tttacaatcc	cttagctaga	cataaagggt	ctcaagtccc	caccagactc	aggagcccag	44520
ctggcttcac	ccagtggatc	cggcatcagt	gccacagggtg	gagctgcctg	ccagtcccgc	44580
gccctgcgcc	cgcactcctc	agccctctgg	tggtcgatgg	gactggggcg	cgtggagcag	44640
ggggtgggtgc	tgtcaggagg	gctcggggccg	cacaggagcc	caggaggtgg	gggtggctca	44700
ggcatggcgg	gccgcaggtc	atgagcgctg	ccccgcaggg	aggcagctaa	ggcccagcga	44760
gaaatcgggc	acagcagctg	ctggcccagg	tgctaagccc	ctcactgcct	ggggccgttg	44820
gggcgggctg	gccggccgct	cccagtgcgg	ggcccgcgca	gccacgccc	accgggaact	44880
cacgctggcc	cgcaagcacc	gcgtacagcc	ccgggttccc	cccgcgcctc	tccctccaca	44940
cctccctgca	aagctgaggg	agctggctcc	agccttgggc	agcccagaaa	ggggctccca	45000
cagtgcagcg	gtgggctgaa	gggctcctca	agcgcggcca	gagtgggcac	taaggctgag	45060
gaggcaccga	gagcgagcga	ggactgccag	cacgctgtca	cctctcactt	tcatttatgc	45120
ctttttaata	cagtctgggt	ttgaacactg	attatcttac	ctatthtttt	tttttttttt	45180
tgagatggag	tcgctctctg	tcgcccagac	tggagtgcag	tgggtgccatc	ctggctcact	45240

gcaagctccg	cctcccgggt	tcacaccatt	ctcctgcctc	aacctcctga	gtagctggga	45300
ctacaggcaa	tcgccaccac	gccagctaa	ttttttat	tatttttttt	ttagtagaag	45360
cggagtttca	ccatgttagc	cagatggtct	caatctcctg	acctcgtgat	ccatccgcct	45420
cggcctccca	aagtgtctgg	attacagacg	tgagccactg	cgcctgcct	atcttaccta	45480
tttcaaaagt	taaactttta	gaagtagaaa	cccgtaggca	ggcgtggtgg	ctcacgcctg	45540
taaccccagc	actttgggag	gccgagggcg	gcggatcacg	aggtcaggag	atcgagatca	45600
tcctgggttaa	cacagtgaag	ccccgtcgct	actaaaaata	caaaaaatta	gccgggctg	45660
gtggtgggca	ccggcagtc	tcgctactgg	ggaggtgag	gcaggagaat	ggcgtgaacc	45720
tgggaggcag	agcttgagc	gagccgagat	agtgccattg	ccttccagcc	tgggcgacag	45780
agcgagactc	cacctcaaaa	aaaaaaaaaa	aaaatagaga	cccggaagt	taaaaatatg	45840
ataatcaata	tttaaaaaa	ctcaagagat	gggctaaaga	gttgacggaa	caaattctaa	45900
tattagattg	gtgacctgca	aaaccagccc	aaggaaatc	ccagaatgca	gcccataaag	45960
ataaagagag	catttccgct	gggcacagtg	gtatggcagg	ggaattgcct	gagttccaaga	46020
gttgagagtc	acattgaacc	acaccattgc	actccaggcc	tgggcaacac	agcaatactc	46080
tgtctcaaaa	aaaaaaaaaa	ttaaatttaa	aaagacagaa	tatttgagag	aaaaaaatgc	46140
ttatttcaag	aaacatgaaa	gataaatcaa	gatattctaa	ttcccaagta	agaataattc	46200
cagaagcaga	aaatagaata	gaggcaagga	aacactcaaa	acttctccag	tgccatagaa	46260
atgtgtatta	atctttagaa	tgaaacggac	taccaaattg	tgagcaggaa	gaacaaaaga	46320
gatccactct	taagccagtg	tgggtgccca	gcgcagtgcc	tcattgcctgt	aatcccagca	46380
ctttgggagg	ccgagggcagg	tggatcacct	gaggtcagga	gtttgagatc	agtcaggcca	46440
acatggtgaa	accctgtctg	tactaaaaat	acaaacatta	gctgggtatg	gtggtgcaca	46500
tctgtaatcc	caactacttg	ggaggctaag	gcaggagaat	cacttgaaac	caggagggtg	46560
aggttgtagt	gagccgagat	catgccacac	tcccagcctg	ggtgacagag	caagattcca	46620
tctcaaaaaa	aaaatccact	cctagacaaa	taatagttaa	attttagaac	accaaggaga	46680
aagaaaaaaa	attgtaaagc	ttcagagaaa	ataaacatta	actacaaaga	aacgagagtc	46740
agacgcgtgc	acttcttctc	agataccagc	agataaagca	atatctccaa	aattcagaag	46800
gttttaacgt	agaatcctat	accagtcaa	gaatattcac	atggaaaagt	gaaataaaaa	46860
acattgttta	aacatgcaag	ggttcagaaa	gtttaccatt	cacagaatcc	ctgaaaacaa	46920
aaccaaataa	tcacttaagg	actcattaag	aaaacaaatg	aaataaaaag	accaatgatg	46980
agtaaataat	cagaaaaatt	tacagtttac	ctaaataact	gtttatgcat	aatgtatgaa	47040
aacccaaaaa	tttaatatgg	gacagaatta	aatcatgat	aagattcttt	tttgctttac	47100
tcattggagag	ttcacataaa	cagattatct	tttaatagca	agagaaaaaa	atgttttagat	47160
atgtgtgaaa	aactaagggt	acaaaaacag	tgcaaatcca	tttatcatca	ggaaaatcca	47220
aattaaaacc	acagtatcca	ccagaataac	taaaaggtaa	aagacagaaa	ttaccaagag	47280
ttggcaagaa	tgtggagcaa	ccacatatac	ttctggggta	aataagttgg	tgcaaccggg	47340
actgaaaact	gtttgctagt	atctactaaa	accgagcaca	tgacacagac	acaaccaagc	47400
agttccactc	ccagatacac	actcaacaga	aatgcacaca	ctcactcaac	aaaagacgtg	47460
tactagagtg	ttcatgtact	tactattcat	aatagtccaa	aatgcaaac	aaccaactgc	47520
caatcaaagt	caaatgtata	tctatattag	ggatatatac	aatggcatat	acacagcaat	47580
gagaatgaaa	tgaaccagct	cggcacagtg	gttcattgct	gtaattctcag	cactttgggc	47640
gggtaaggca	ggcagatcac	ttgaggtcag	aaatttgaga	ctagcctggc	caacacgggt	47700
aaaacctgtc	cccactaaaa	acacaaaaat	tagccgggca	tagtggttgc	aggcctgtaa	47760
ttccagctac	tcgggagggt	gggttgggag	aatcgtttga	acccgaaagc	cggaggtcgc	47820
agttagcgga	gatcgtgcca	ctgcactcca	gcctggacga	tagagcaaga	ctccgtctca	47880
aaaaaggaaa	tcaaaaatat	aaaataagat	gacaggaata	atccgcaaaa	gatcagtaat	47940
caaaataaat	ataaatgggc	taaagctacc	tattaaaaga	caaagatttc	acaccataa	48000
ggatagctac	tatcaaaaaa	agagagagaa	taacagatgt	tagcaaggat	gtatggaaac	48060
tgaaattctc	acgcattgct	ggtgagaata	taaaatggtt	cagcctctgc	ggaaaacact	48120
atgctgggtc	atcaaaaaat	taaaaataga	agtactactt	gatccaacaa	ttctacttct	48180
gggtatatac	ccaaataact	gaaagcaggg	tcttgaagag	atatttgtac	acccatgac	48240
atggcagcat	tattcataat	agctatgatg	tggaaccaac	ataaatatcc	tttgataaat	48300
atatggataa	gcaaaatgtg	gtgtatacat	tcaatggaat	attaattagc	aataaaaaatg	48360
aagaaaattc	tgacacatgc	tacaacatgg	atgaaccttg	agggcattac	attaaatgaa	48420
ataagccagt	tataaaaaaga	caaatactat	atgaggtact	atattagata	ctcatgcaag	48480
gtacctaaaa	taggcaaatt	catagagaca	aaaagcagaa	tgggtggttgc	caggggctgc	48540
ggtaatggat	acagagcttc	aattttgtaa	gatgaaaaaa	ttctggagat	tggttgcata	48600
acaatgtgca	cacacttaac	actggggaac	tgtaaaactta	aaagtagtaa	atggtaaaaa	48660
taaaaataat	aaataataaa	ttttatgtta	ttttaccaca	atatttatta	aaagacaaag	48720
attaactaat	taaacaaaat	ccagccataa	gctaattggt	agagtaacaa	ttaaagaaga	48780
cacagaaaat	tgaaaatcag	tgactagaaa	aagatattcc	atataaatgc	taacaaaaag	48840
caagtacagc	aatataaaga	gaatgaacaa	aaaaaaaaat	aaataagatg	gctcgtttat	48900
tcccaaaagg	tacaattcac	caagaagata	caagaattgt	gaacctttta	gcacataaaa	48960
cagcttcaaa	aatacaacat	ttaaagaaaa	atataatatta	aacatagaaa	tagtacaaaa	49020
accctacaa	gaatcataat	gggagcttcc	aatacaactc	tccatatcaa	caggtcaaac	49080
agagaaaaaa	aataagttaa	ggatgcagaa	aacctgaatt	accatcaata	aacttgagat	49140

taatatagaa	ctgtataccc	aatatactaa	gagttcaggg	aacagtcgtg	actgacagtg	49200
gactgcaa	taatctgttc	ttaatctttg	tttttctttc	agcactgtgg	cagaatagag	49260
atccta	ccttccagct	acaaaacatc	tttttaaaaa	tataaaaaaa	tacaaaaata	49320
actctgaa	caatagaaga	cacatggtga	aaccaa	ctagaataca	gggagaataa	49380
aggcattttc	agatattaca	aaaacagaaa	attgatcatt	gctgaagtaa	tttctaaaga	49440
atgtacttga	gggagaagaa	aaatgttcca	aagaaaagta	tctgtgatac	aagaaggaat	49500
ggaaagtga	gaaatggtaa	acaggtagat	aaagctaata	aatgttgacc	tagaaaataa	49560
caaaaaca	agcaataatg	tctcgttgga	agggttgaag	taaaaataca	attaaggcca	49620
aatgtgaggt	aagtggatg	aaagaattag	aagtccttgc	cttgttcaca	ggactgatta	49680
aataaatgag	ccagggttttc	cattcaaaca	gttaaaactt	gaacaaaata	aactcaaatt	49740
aagtagaaag	ataaaaaaca	gaaathtaag	tcatagaaaa	ataaaaaatc	aatagaatta	49800
atcaataaat	cctgggttaat	aaaagctggg	tctttgaaag	gattaataaa	ataatcatta	49860
agcaagtctg	atcaaaaaaa	aagagaaaag	gtaccaaaaa	aagtactgta	tcagaaagag	49920
aacatacaga	tacatacaga	tatgtaagag	tctgttttct	tacaccagaa	tactatatac	49980
aacattatgc	tagcatatat	taaatttcaa	taatgttaat	gattttctag	gaaaacagaa	50040
aataattaat	ttactttgaa	gaaacagaaa	aactgagaaa	aataaatgat	catgaaaaaa	50100
atgaaaaggt	aattaaatac	tgatattaac	tgccataaca	acaccagcag	cagcccaggc	50160
agtctgcagt	caagttctgc	caaacttgag	ggaacagata	attcttctat	tccagagcat	50220
agaaaatgat	ggaaagtttc	ccaatttaat	cagagaggac	agcctgatcc	ttgttatgaa	50280
cacagataaa	aatggggtaa	actatatgcc	aaactcagat	accaaacc	taaataagat	50340
gctagcttat	tgatgtgaac	aatccaaaag	tgcatthtaa	attagcccag	ggthtttagag	50400
aaagaaaatc	tagcaatgtg	accaccactt	atgttaacaa	thtttaagacg	aaaatctaca	50460
tgatcatatc	aatgcatgct	acacaaaagc	atttgggcaa	aaaacccaac	accaccctt	50520
gactthttta	actcttagta	attaggcata	aacagaaatg	tacttaatgt	gatagaatac	50580
actcgggtga	gatacagagg	gaatgctccc	taaaaccaag	ccaagacaa	agattcctat	50640
ttaacctcaa	tagtcaacac	tgacgcgaga	gtaatctatg	gaagacaagg	aaaaaagtaa	50700
aaacatgaga	gacatctgtt	gtttaacaga	caataagatc	acctacttgg	aagaggcaaa	50760
cgaatcaagc	gaaaaactat	taaaactgag	acaggcttta	gtatggaggc	tcagcttcag	50820
ctgtagtttg	ggctaccaa	ttcaactcgc	ttgcttggag	agttaatcct	gcaaagctaa	50880
tttctgttga	ggtattagga	ttgacaagcc	tgtgctcctc	cctcctcccc	catcttcaac	50940
actgaaataa	cacggtgttt	ggaactggat	aacagaatct	tccaaaaaca	aaaattgtcc	51000
tgaagggtctg	acttgtgccc	ttactcaaaa	aacactttat	ctgctgcctg	cagctcctac	51060
agttgctggt	ggataagcct	gccaaccagc	tcggcgtaat	tcttcctgca	gagggcaagg	51120
aagagcactt	tcacaggaaa	attthtttcc	gaactgtatg	ccgcttatta	cataaactta	51180
cgtgctggca	aatggagctc	cagcaaaaata	agatattcag	agtcaaactt	ccttaggaaa	51240
aaaaaaaaaa	aaaagcaagc	acataacact	aatttccttg	catgggcact	ggggaaggag	51300
gtcgttactt	ccgcacgccc	gcaggctccg	accaccggga	aaccacggg	caccgcgcgc	51360
tgcccccg	ccttccaggt	gcactgcgc	gcggcgcccc	agctgacccg	ggatgcgcag	51420
ccctagccct	tccctgtca	ccccggccag	gaaggggcgg	gagcgcgggc	gacgcgcagg	51480
gcgaagggtc	tctcggctct	ctgcaccacg	cagcaccccc	aaggcacaac	agggaggggtg	51540
cgggagggct	ccgagaccca	ggagccgggg	ccgggcgtgc	ccgcgcacct	gtcccactgc	51600
ggcgagggct	ggggtcgcc	ccagggccgc	agctgtcggg	agccacctgg	ctctcagtcc	51660
cgggtccctg	cgacaaccct	cgggcccggg	ggggaggagg	cggccacctg	ccgctgccac	51720
ctgcggcacc	ggtcccaccg	ctccgggccc	ggcaggacag	gccaggacgt	ccctcctggg	51780
ctggggacag	gacacgcgac	gaggggacgc	gggccccgc	ggcgaagacg	cagcacgcct	51840
tcccagaaag	gcagtcccgt	gccccacga	cggactgccg	gacccccgcg	ctcgcccgcc	51900
catcccttca	gaccacgcgg	ctgaggcgca	aagagccggc	cggcgggcgg	gctggcgggc	51960
cggctagtac	tcaccggccc	cgctgggtca	gcgcgcgcgc	aacccccagc	ggccacggct	52020
ccgggcgctc	actgatgctc	aggagaggga	ccgcgcctcc	gccggcgctc	ccagccatcg	52080
ccgccagggg	gcgagcgcg	gccgcgcggg	gctcgcctgg	agatgtagta	cccgaccgc	52140
cgccctgcgc	gtcctccttc	agccggcggc	cgggggcccc	ctctctccca	gctctcagtg	52200
tctcatctcc	ctatctgctc	atcctctggt	cgcacataat	cgatgtttgg	gcgtcccaag	52260
ccagatgtgg	accccatthc	cgcactctac	actggaggtt	ttctaagggt	ggtgcccggg	52320
ccagcagctt	cagcctcatc	tgggaacttg	agaaaatgca	gattctccgt	cccaccagc	52380
ctattcgggt	tttctgac	taaaaccatg	aaggtggggc	ccagcagctc	acattctcgc	52440
aagcccgtca	agtgattctg	aggcgccctc	cagtttgaga	gctatgctca	cggcctcacc	52500
tccgccccgc	aaggagcccg	gtcttgcttg	tggcgctagc	cgcacacgga	cacctcatcc	52560
tgccggggccc	gcccccccgc	tgacacctca	ccgcccaacg	cctcctccgg	gatgcagcgg	52620
aggcgccctg	aagtcggcaa	ggtcaacatc	cccctcagca	tcttccctac	cctcacggct	52680
cctcctccag	gggtgcctca	tggccagggg	ttagaaagag	ccactgtgtt	tcttgacatg	52740
gaagtggcct	aagaccttaa	tgaaaactgc	aggagtggaa	tgacagaacc	tttggtcata	52800
cttgagggcg	tgaagctcaa	atgaggagga	aggaaaggat	ccaggagagaa	taaccaacc	52860
tggcaagttg	tggcgcccag	gtagaggggc	gagcctaggg	tagcggttct	cgaccagggc	52920
cgggtgttgc	cctcctcgcc	gccccgcgta	catttgggga	ggtctggaga	catttttggt	52980
tgatcatgat	cgggagttgc	tactgttgcc	taagtgggta	gacacgaggg	tgctcctcaa	53040

catcctacct	gaaggacagg	actgccccac	aaggaagaat	gatccggccc	caaataagaa	53100
accctgggct	ggtcagcaac	aacccctttg	ttctgagaag	agaggaggaa	agaataaaaag	53160
aagtgggggtg	aagtttttgg	ttggtagagg	aaacttgaag	acatttttcac	tggaaaggaa	53220
gagaggaaga	ggagggagat	gtctgtaagg	acgagcaaac	cgggtgacag	ctgatttcct	53280
catattgaag	taatgagtcc	tagttataat	aaattcctaa	taaaaaccca	gtttatccct	53340
gcaataaact	tgtctttttt	ttttaaatat	actgcttgat	tctgtttgct	aatattttat	53400
ttacaggctt	tgcattgata	tgcaaaaatg	agatgggcaa	taatttttctt	tttgaatgtc	53460
taatgttggt	tggtttcaga	atcaatgtta	tgctcacatc	ataaaaaatt	tggaaaccgag	53520
gcaggaggag	tgcttgaggc	cagaagttcg	agaccagtct	aggaaacaca	gtgagacccc	53580
cccatctcta	caaaaaaaaa	aaaagaaaaa	aaaatgggca	tgtttgcttt	ttccttttac	53640
tctgaacaat	ttaaggagca	ttaaaattat	ctattctttg	aggtttgatc	atttcccagt	53700
taaaaatggt	cctcccagcc	tgatgctttc	tttggggagg	gtaaatcttt	taaggctaga	53760
aaagtttctt	ctgtggcaat	tttattattt	acatttttaa	aattattcta	gagttaattt	53820
tgataaagca	tgtatttctt	aaaacaaatt	atcctttttt	tccagatggt	caagtgtatt	53880
tgcataaagt	tgaggaaagt	agtcttttgt	gaatctttta	acttctccca	aatatcttat	53940
tttgtgtatt	tttgcttctt	tattttgtta	acttttaaaa	gtgtattttt	ttttcaaaga	54000
atcagctctt	aggtttatgt	ttttgggtat	actggagcct	ttttcttctt	ctttttaaaa	54060
tattttttct	cctttatttt	ttagacgtat	tttgatctaa	cgtaatcgga	agaaggtaaa	54120
ttagaatctt	ttgttactat	tgtgttttta	tttctcctta	tttctctgaa	gtcctgcttt	54180
ataaatagta	ccatgttatt	tgtgcataaa	tattcatttg	tcttatattc	ttgggaattt	54240
tcccacttca	tcataaaatg	accttccttg	tctcatttaa	tgtgttcaaa	ctttgccctg	54300
aattttaactt	tgtctgatat	tttaccatcc	tgttgaattt	tgtttgttac	cccaaacaac	54360
ctttgctggt	ttcgtctttt	ctgaaccctt	tatttttaggt	aatcccttga	attagagcac	54420
taagttttgc	tttgtgatta	aatctgaaaa	tctttatctt	gccatagatg	agttgagccc	54480
tattcatgtg	acagctatat	tatgctgttt	catagccctt	ttggctcctt	tttcaactctt	54540
gcattgcata	ttttgtgttt	attgtgtttt	gtgtttcttc	tgataatttg	gaaggtttgt	54600
atttttatct	agggagtgtc	cttataatca	tactccgcaa	tacacatcgt	cctcagtttc	54660
ttcagactgt	ctgttaactc	cctattctga	ataaaaaatga	cattgttaatt	tccctctttt	54720
ttctttaccc	cttttcttct	cctcacctaa	tgtaaattgat	tttatccttc	tttagtattt	54780
gcttttttaa	ttaactacat	ttataaatat	ctttatcact	tgatttttaa	atcagctttg	54840
aatgagatat	ttggattcct	agatataaaa	gatgttaatt	ataccatttc	cacgttagta	54900
ggtttataaa	atcatacatt	ctgctgtgta	accataatcc	cacgtttgtt	ttagttccac	54960
tcctacagtt	aaaagattca	gaagtattat	taacagttat	tttgccatag	ttttttcccc	55020
aacccatttt	gtggtaagtt	atgatcctgc	tttagtttct	taagaataat	ttatagagca	55080
gagtgtgggtg	gctcacgttt	gtaatcccag	cactttggga	gacaagaggt	agaaggatcg	55140
cttgaagcca	gcagttcaag	accaccctga	gcaacatagt	gagaccttgt	ctctacaaaa	55200
aatttttaaaa	tttagccaga	cgtagtggcg	tgtgcctata	gtcccagcta	ctcaggaggc	55260
tgaggcaaga	ggattgctag	agcccagaag	tttgaggctg	cagtgcctc	tgattgtgcc	55320
actgcacccc	agtctgggca	agaaagtgag	aacctatctc	tttaaaaataa	caataataac	55380
ttatgaaaat	tatatccct	gagtttttca	tgtttaaaaa	tattttgttg	ctttatcctg	55440
taaaagtttg	agtataaatt	cttgggttat	actttattta	ttgaagaatg	tataagtatt	55500
gtcttctaga	attgagtgtt	gctgtaatga	aaccagaagt	cagcctgggt	tattttttcct	55560
cagaaatgag	gtaattgccg	gccggacacc	gtggctcatg	cctgtaatcc	caacactttg	55620
ggaggccgag	acaggtggat	cacgaggcca	ggagattgag	accatcctgg	ctaactgggt	55680
gaaaccccg	ctctactaaa	agtacaaaaa	gttagctggg	catggtgggtg	gacgcctgta	55740
atcccagcta	cccgggaggc	tgaggcagga	gaatggcgtg	aacctgggag	gaggagcttg	55800
cagagagctg	agatcgcgcc	actgcactcc	agcctgggcg	acagagtgag	actccgtctc	55860
aaaaaaacaa	aaaaaaaaca	aagaagtga	gtaattgccca	tgatgctcca	agaattatct	55920
ctttgtctat	gaaatccaga	aatctcactg	ttatacattt	tgggaattatt	attctggggc	55980
aatatttcct	gggacacaat	agattgactc	tatagattta	attttttttt	ttttttttgag	56040
acagagtctc	actgcaatct	cagcttactg	caacctctgc	ctcacgggtt	caagcaattc	56100
tcctgcctca	gcctcccaag	tagctgggac	tacaggcgcg	tggcaccatg	cctggctaatt	56160
ttttgtcttt	ttagtagaga	cagggtttca	ccatgttggc	caggctgggtc	ttgaacgcct	56220
aacctcaagt	gatccacctg	cctcagcctc	ccaaagtgct	gggattacag	gcgtgagcca	56280
ccatgccag	cctcaattcc	tctttctatc	tggttaattt	tctgaagtgtg	aaaacatttg	56340
ttctaatacg	ttatttcagt	gttcttctaa	gatgtgtaaa	gcacccctatt	cccagggtcag	56400
ccccatctt	gctagtgagc	tcggctgggt	cttcacaaga	gctctgggtt	tctcctgctt	56460
aatctcaagt	acctctgtca	gcctccacct	ggtttatgat	ttggagtttt	ttggttttttg	56520
ttttttgttt	ttgacagagt	cttactctgt	cacccaggct	ggagagcagt	ggcataatct	56580
cagctcactg	caacctctgt	ctcccagggt	tgagcgattc	tcctgcctca	gcctactgag	56640
tagctgggat	tacaggcgcg	tgccaccaca	cccggctaatt	ttttgtattt	ttagtagaga	56700
tgggggtttca	ccatgttggc	cagggtgggtc	ttgaactcct	gacctcaggt	aatccacctg	56760
cctcagcctc	ccaaagtgct	gagattacag	gcgtgagcca	ccgcgcctgg	catggttttg	56820
agttttaatc	tgtagtttta	ataaagatag	tgcttatggt	tgtgtttctt	atatttcttg	56880
gtactcttgg	gtaatttgta	agatcccat	atctacacaa	gaagtcatt	ttcaattctt	56940

ttcttcagac	tgtttatattt	attttatattt	attttatattt	tatgtttgag	atggagtctc	57000
gctgtgtcac	ttctggaggg	tggagtgcag	tggcgcgac	tcagggtcact	gcaacctccg	57060
tctcccgggt	tcaagcaatt	ctcctgcctc	agcctcccga	gtagctggga	ttacaggcac	57120
ctgccacttt	ttaatttttt	tagagacaga	gtctcgcttt	gttgaccagg	ctggagtgcg	57180
gtggtgcaat	catggctgac	tataacctcc	aaatcctggg	ctcaagtgat	cctcctgcct	57240
cagcctcctg	agtagctggg	actacaggca	catgccacca	tgcccagtta	attttaattt	57300
ttttgtagag	acagggtctc	catatgttgc	ccaggctggc	ctcctactcc	tggcctcaag	57360
taatcctcct	acctcagcct	cccaaattac	taggattata	agcatgagcc	accatgcccc	57420
gccttggttct	actactttta	tttcatatgt	taggtgacca	tgtaattgat	catccaaacc	57480
aggatactgt	aagaatgaaa	gaggctgaca	gtagtatgat	gctgggacta	gcattgtgca	57540
ctgagattat	ttctgggaaa	gcaggagata	cggtcaccct	acttatagt	tgcttgtcct	57600
tggattgttg	aatttggagt	ttctatattgc	aggcttatatt	caactgggca	gccttgatcc	57660
gccctgcccc	gcaatgctac	cgttctctcc	accgggtctc	tgggaccctc	tcagtactca	57720
tacttagctc	agttccccac	cctcccactc	cctaaaagcg	taaccaggaa	tcctgcctca	57780
ggtctactgc	cgtcttccgt	gggctgtttc	agttcctatt	acccagagtc	aaactcccag	57840
cattccctac	ctgattccag	acttggagtc	cagagcttta	acctcttcag	gccaaactccc	57900
cactttgcat	ttctgtccct	atatcttagt	ccatggagat	acatttcatg	tctttgagtc	57960
tacttacaaa	gtaaattttg	ctgtttttta	attttttttt	tgagatggag	tcttgccctg	58020
tcacccaggc	tgtggtgcaa	tgacgccatc	tcggctcact	gcaacctccg	cctcctgggt	58080
tcaagcgatt	catctgcctc	agcctcccaa	gtagctgtga	ttacagacag	gcaccaccac	58140
gccagctaa	ttttttttat	cttttagtag	agacagggtt	tcaccatgtt	ggccaggctg	58200
gtcttgaatt	cctgacctcg	tgatctgccc	atctcggcct	cccaaagtgc	tgagattaca	58260
ggcgtgagcc	actgtgcccc	gccaattttg	ctttttttat	atctcattgc	tatatgttta	58320
gaggataagt	ttacagtgtc	atatgcattc	ccaaatatta	gaccaaataa	atctccaaaa	58380
aattagaaag	aaaatccaaa	aaatctcaaa	aaataccaaa	aagcaacaat	ctcacagacc	58440
atactcactg	accccccaata	aaataaaaatt	agaaattaac	cacaacttaa	caaaataaag	58500
tactcaagtc	agagaggaaa	gaggaaataa	acatcaaaaat	tacaaagtct	aggcgggtggc	58560
tcacgcctgt	aatcccagca	ctttgggagg	ccaaggcggg	cagatcacaa	ggtcagggaat	58620
tcgagaccag	cctggccaat	atggtgaaac	cccgtttcca	ctaaaaatac	aaaaattagc	58680
caggcatagt	gatgtgtgcc	tgtaatccag	ccacttggga	ggctgaggca	ggagaatcac	58740
tgaacccagg	gagacgaaga	ttgcagttag	ccaaaatcgt	gccactgcac	ttcggcctgg	58800
gtgacaaaagc	gagactccat	ctcaaaaaaa	aaaaaattac	aaactcttta	gatagaaatt	58860
ttggtgtttt	tttttgagac	ggagtctcac	tctgtcgcag	aggctggagt	gcagtgggac	58920
tatgtcagct	caccgcaacc	tccatctcct	ggattcaagc	aattctcctg	tctcagcctc	58980
ccaagtagct	aggattacag	gcgccccacca	ccagaccag	ctagttttta	tatttttagt	59040
agagatggtg	tttcaccatg	ttggccaggc	tggctctcaa	ctcctgacct	caagtgatcc	59100
acctgcttca	gcctcccaaa	gtgctcagat	tacaggcggtg	agccaccgca	ccccacctag	59160
atagaaattt	caacatgagg	ccgggcacaa	tggctcacgc	ctgtaatctc	agcacttcag	59220
gaggctgagg	cgtgggagga	tcacttgggc	ccaggagttc	aggaccagca	tgggtgacag	59280
agacagaccc	tgtctctatt	tatttgaaaa	aaaaaaaaaa	aaagagagag	agaaagaaat	59340
ttcaacatga	aaagtatctc	tcaaaccctt	cgagatgttg	gcaaaaagcg	actcaaagga	59400
aaatgtatta	ctgtgtgtga	atttgcttga	aaataagaaa	gaggccgggt	gtggtggcta	59460
acacctgtaa	tcccaacact	ctgggagtc	gaatcaagtg	gatcatgagg	tcaggagatc	59520
gagaccatcc	tggctaacat	ggtgaaaccc	tgtctctact	aaaaatacaa	aaaattagct	59580
aggcgcgggtg	gctcatgcct	gtaatcccag	cactttggga	ggctgaggca	ggtggatcac	59640
ctgagggtcag	gggtttgaga	ccagcctggc	ctacatgggtg	aaacctcgtc	tcttctacaa	59700
atacaaaaat	tagctgggag	tgggtgggtgg	tgccgtgtaat	cccagctact	cagaggctga	59760
ggcaggagaa	tcgcttgaac	ccgggagggc	gagggtgcgg	tgagccgaga	tcgcaccact	59820
acactccagc	ctgggcaaca	gcctgggtga	cacagtgaga	ctccatctca	aaaaatacaa	59880
aaaattagct	gggtgtggtg	gcctgcgcct	gtagtcccag	ctacccggga	ggctgaggca	59940
ggagaatgga	gtgaacctgg	gaggaggagc	ttgcagttag	ccgagatccc	accactgcac	60000
tccagcctgg	gcgacagagc	aagactcttg	tctcaaaaaa	aagaaaaaaa	aaggaaaaaa	60060
gaacctgat	aataaagaaa	ccaaatgttc	aactctcaaa	gctcggacac	tttaaagaaa	60120
taattaataa	aggcagaagt	taaaggagg	atgataaagc	aatttttttt	gttgggtttt	60180
ttgagatgga	gtcttgctct	gtcaccaggg	ctggagtgc	gtgatgcgat	cttggctcac	60240
tgcaacctct	gcctcccggg	ttcaagcaat	tctcctgcct	cagcctcctg	agtagctggt	60300
actacagggtg	cgcgccacct	ggcccagcta	atttttgtat	ttttattaga	gacgggggtt	60360
caccatattt	gttaggettg	tctcaaactc	ctgatctcag	gtaatctgcc	cacctcggcc	60420
tctcaaagtg	ctgggattac	aggcaggcgc	caccgcgcct	ggcctaaagc	aaaatatagg	60480
ttctgtgcaa	aagggtcaata	aaaagagcaa	acgtttacaa	actggagcca	gcaccatttc	60540
agctcagtg	gtctggagaa	aaaacaatct	cgcttcagaa	ttcatgatta	cgcagccctt	60600
tttgcttcct	aaaaatccta	ctatgttgct	gttgaccatt	ctctctcttt	ctctctctct	60660
tgctttctct	ccagaaaagc	tattcagaca	ttctcctctt	tcctcaaacc	tccaacactt	60720
cctcctccat	ccttagcctc	agctgctgac	ctcacttcta	atcattgaga	aaccaggaga	60780
agcatttaag	agtgaacctc	cgcctccccg	cacgggcaaa	accaccacc	cacagaattg	60840

tgccccaatt	ctgcgtcctc	tcctctcacc	atggatggac	ggtccaggct	ccgagccaaa	60900
gccaggcctc	ccctggagct	ctggatccac	cacctgcagc	ttctcaggca	gggccccagc	60960
agctcccctg	ctcccttgta	ccatcaatcc	ctccccctac	tgggtcactc	ccaacaatat	61020
atataatttag	tgatgtttct	cccattgtgt	aaaatcactt	agcctctctc	ctccccccagc	61080
tactatccta	tttgttttct	tccattctct	gcaaaaacttc	tcaaagcatt	gtgtctatgt	61140
gctgactcca	tttatcttct	cccgttctct	gctgagtcct	tcccacagac	tctcacccca	61200
gttactccat	gaaatgacct	ctgcactgcc	acatccaatg	gtgaatgttc	agttcttaat	61260
tttattcagt	ctttcagcag	catttgacct	ggccgatcac	tccctcttct	taaaaatact	61320
tttctcagcc	aggcgtgatg	gctcacacct	gtaatcccaa	cactttggga	ggccaaggcg	61380
ggaggatcat	gagagcccag	gagttcaaga	tcagcctggg	caacatggca	agaccctatc	61440
tctacaaaaa	ctaaaaagta	gccagtgtga	tggcatgcac	ctgtagtccc	atctacttag	61500
gaggctgagg	cagtaggatg	acttgagcct	gggaaatcaa	ggctgcagtg	agccatgatt	61560
gcaccactgc	actccagcct	gagtgacagc	gagaccctgt	ctcaaaaaga	caaaatagga	61620
aacttttctc	agcatattcc	tctgattctc	ctgctgcttc	tgtctgcaca	gattcagttc	61680
cctttgcccg	ttcttctctc	tcctcctgat	ctcttgacct	tgaagtggcc	cagagtacag	61740
tctttttttt	tttttttgag	acgcagtctc	gtctgtcacc	caagctggag	tgcaatggcg	61800
aggtctcagc	tcattgcaacc	tctgcctcct	gggttcaagc	gattctcctg	cctcagcctc	61860
ccaagtagcc	aggactacag	gcacatgcca	ccatgcccag	caaattgttg	tatttttagt	61920
agagacaggg	ttttactata	ttggccacgc	tggcttcaaa	ctcctgaact	cgtgaaccac	61980
ccgcctcggc	ctcccaaagt	gctgagatta	caggcatgag	ccaccacacc	cggcccagag	62040
tacagtcttt	agacggcctc	tctacctata	cttgctcccc	tcataaactc	ctcctgcctc	62100
atggcttttaa	ataccatcgg	tagactgatg	actcccata	ttctcttttt	tttttgagga	62160
cggagtctcg	ctcagtcccc	caggctggag	tgcagtggcg	cgatctcggc	tcactgcaag	62220
ctccacctgc	caagttcaca	ccattctcct	acctcagcct	ctccagtagc	tgggactaca	62280
ggcacccgcc	accacgcctg	gctaattttt	ttgtattttt	agtagagatg	gggtttcacc	62340
atgttagcca	ggatgggtctc	gatctcctga	cctcgtgatc	cgcccatctc	ggcctcccaa	62400
agtgtctggga	ttataggtgt	gagccaccgt	gccagccga	tgactcccat	atctctatct	62460
cttgtctgtg	gggagttctc	ctcagaactc	catactcata	aatccaactc	tcataaatag	62520
tatctcaaat	gggcaatatg	ctcaaaaagtc	aattcctact	tttctcccta	aacttgcttt	62580
cctgcagtct	ccaccatctt	aatgtccaat	ctaacattag	gaggcaaaaa	ctttgaagtc	62640
attcttgact	cttctctatt	acacacccta	tccaatcttt	ctgcagatcc	agtcgacccc	62700
caaattccagt	tagctctcat	catctcccct	gttaccacct	ggtccaggcc	atcttccctc	62760
ctcacctgaa	tcactgcagc	attctcctca	ctggtctctt	tgggtctgtt	ttcactccac	62820
cttagcatag	tctccacaga	gcagtcagag	ggatcctttt	aaagtgtaat	tcccatcctg	62880
tccctgctct	gctcaaaaacc	ctgtcgtgat	tcccgtttta	atctgtcaga	ttaaaagcca	62940
gagtcctttcc	agtgaacctac	atgatctgcc	tattatcacc	tcccacttct	ttccccttgc	63000
tcactccact	ccagctctgc	agctgtcctt	tctgttttct	gaacagccca	gatttttgctt	63060
ctttagaacc	tttgtatttg	ctgtccccctc	tgtctggaat	gtttttccag	gaagtcacct	63120
ggctctctcc	tgcacttcct	tcctgaccac	catgttttaa	aatcactcaa	acacacttca	63180
ggccggacat	ggtggctcac	gcctgtaatc	ccagcacttt	gggaggccaa	ggtgggtgga	63240
tcacctgagg	tcaggagttc	gagaccagcc	tggccaacat	ggtgaaactt	cgtctctact	63300
acaaatacaa	atagtagcca	ggtgtagtgg	cacacacctg	taatctcagc	tactcaggag	63360
gctgaggcag	gagaatcgct	tgaaccacga	aggcagagga	ggtgcagtga	gccaagatca	63420
cgccacaaca	ccccagcctg	ggtgacagag	caagacccca	tctcaaaaaa	aaaaaaagaa	63480
aaaaaaatca	cacaaacaca	cttctcttca	tattcctttt	ccaagtttta	tttttctcca	63540
gaataacttta	cattgtttta	atggaagttc	tccgtttccc	cccaactaga	atggatactt	63600
cctgcaggta	ggcactctag	tcctcccctc	caagtactaa	ccaggctcaa	ccctgcttag	63660
cttctgagag	caggggagat	caggcctggt	caggggtgga	tggcccagga	attttgattc	63720
tgttttatte	attgctgttc	tgttgattct	cttttggttc	tcctcctagt	gctgagaaca	63780
ctacttgtag	ataataagca	ttcaataaat	atttggtgaa	tgaatgactt	gttgaatgaa	63840
ttaatctcag	aatgacagga	ctggttctac	attagaaaat	ttttcaaggt	cattctctgt	63900
tgtcgttaaca	cattaagaga	ggaaaatttt	gtactctaaa	tcatttgata	aaatacatac	63960
tgattttctgt	tttcaaaaac	tcttagtggt	tgggagaggt	ggctcacatc	tataatccca	64020
gcatttttggg	aggacgaggt	gggaggatca	cttgagggtca	ggagtttgag	accagcctgg	64080
ccatcatggt	gaaaccctat	ctctactgaa	aatagaaaaa	ttagccgggt	gtggtggcgc	64140
atgcctgtag	tcccagctac	ctgggagggt	gaggcaggag	aatggcttga	accggggagg	64200
cggagggttg	agtgaagcaa	gatcatgcca	ttgcactcca	gcctgggtga	cagagtgaga	64260
ctccatctca	aaagaaaact	cttagtgagt	ttaggaatcc	aaggaagacc	ctcaaaactaa	64320
atagataatc	tagctaccag	aagccttcag	taaaccttaa	cactccatgg	tgaacatta	64380
gaaacattcc	tactaaaaga	caggctaaga	atgcctgcaa	tcttcacggc	tagtccaaga	64440
agtcaaaaag	aagaaatgag	cgctgattta	aaaaaataaa	caaacaaaaa	actaccgatg	64500
cagaggctgg	cagcaaggac	tgaaggactg	tacagtactt	gcctggagca	ggcggatggc	64560
cacacccctg	cgaagcctgc	tcagctggct	gggggacgct	ccagtgtgtg	agtggcagga	64620
tgcagggtac	ttcctctgcc	agggagttgc	actggggaga	tcctcccca	ctcacacttt	64680
ggcagctggg	gctttggaat	gtgacttagc	ttctgtcaaa	gggtcaatcc	accctttgat	64740

atatgatgca	aaggcgaaca	tatgatgcaa	aggtgagaga	acagcccaaa	ttaggacttt	64800
taccacagct	gtggaggtgg	acagcgacag	tgggtgggccc	tggccagact	tttcatgctc	64860
aaaggtgggtg	gttggttcttc	ctacttcttg	tccctccagg	gcttcctttg	cctgtgtgct	64920
gaacctgctt	cttttaattt	tttttaactt	ttttaaattt	ttaattgttt	taattaaaac	64980
aaattttgaa	aactgtctga	acctgctttt	gaacctgtct	atgatttgaa	tgtttgtccc	65040
ctgccaaact	gattttgaaa	cttaatctcc	aaagtggcaa	tattgagatg	gggctttaag	65100
cagtgactgg	atcatgagag	ctctgacctc	atgagtggat	taatggatta	atgagttgtc	65160
atgggagtg	catcagtggc	tttataagag	gaagaattaa	gacctgagct	agcatgggtcg	65220
ccccttcacc	atgtgatata	ttacactgcc	taggggctct	gcagagagtc	cccaccaaca	65280
agaaggctct	caccagatac	agctcctcaa	ccttggtactt	ctcagcctct	gtaactgtaa	65340
gaaataaatg	ccttttcttt	atgaattacc	cagtttcaga	tattctgtta	taaacaatag	65400
aaaacgaact	aaggcaaact	ctcatgattc	tactgccatg	ccattccaat	aaactccctt	65460
tatgcttaag	agagccagag	ttggccaggc	gtggtgactc	acgcctgtaa	ttccagcact	65520
ttgggaggcc	gaggcagggtg	gatcacaagg	tcaggagatc	gagaccatcc	tggctaacac	65580
ggtgaaaccc	cgtctctact	aaaaatacaa	aaaaattagc	tgggcgtggg	agtgggtgcc	65640
tgtagtccca	gctactcggg	aggctgaagc	aggaggagaa	tggcgtggac	ccaggaggcg	65700
gagcttgcag	tgagtcgaga	tcgtgccact	gcactccagc	ctgggtgaca	gaatgagact	65760
ccgtctcaaa	aaaaaagaga	gccagagttt	atctctgttg	cttgcaacca	agaaatctgg	65820
ctgggtgcact	gaagtttcca	taaataatag	caattttaag	actctttcca	agccaggcaa	65880
tgcctagcct	tgtgtagtcc	ttgtggtaat	acattcatte	attcatttgt	tcaaccaact	65940
gtgctccaga	gactaagaat	acaaaaatgg	gggccgggtg	tgggtggctca	cacctataat	66000
cctagcactt	tgggaggccg	aggcaggtag	atcacctgag	gtcaggagtt	cgagaccaac	66060
ctggccaaaa	tggtgaaacc	cctactctac	taaaaataca	aaaaattagc	tgggggtggg	66120
ggcggacacc	tgtaatccca	gctactcgtg	agactgaggc	aggagaatca	cttgaacccg	66180
ggaggcagag	gttgcagtga	gccgagatcg	caccactgca	ctccagcctg	ggcaacaaga	66240
gcgaaactcc	acctcgaaaa	aaaaaaaaaa	aaaaaaagag	ggccgggggt	gggctcagtg	66300
gctcacgcct	gtaatccag	cactctggga	ggccaaggca	ggagaattac	gaggtcagca	66360
gatcgagacc	agcctgacca	acatgggtgaa	accccatctc	tactaaaaat	acaaaaatta	66420
tccgggctg	gtggcgacac	cctctagtcc	cagctacttg	ggaggctgag	gcaggagaat	66480
cgcttgaacc	cgggaggcag	aggttgagct	gagccgaaat	catgccactg	cactccagcc	66540
tgggtgacag	agtgagactc	cgtctcaaaa	aaaaaataaa	aaaaaataaa	gaattcaaaa	66600
attgtagagt	tatagtgtgc	ttctagttta	gttgagagga	catctgtcct	tcaaggaagg	66660
ctagaatcta	taccctgagt	ccttactgaa	atcaatccag	cagtcaaaac	atgggaccaa	66720
cgatcacagc	agtaagatag	gaagagcacc	tttgtacatt	tagctcatgt	tgagataagc	66780
cactgacaga	gctgaaggaa	gctcacagtt	ctgggttcca	tcctttggca	tttaaaaaga	66840
aaagtgctaa	gaaaattcgg	ttggtcacgg	tgggtcacgc	ctgtaatccc	aacactttga	66900
gaggccaagg	caggcagatc	acgaggtcag	gagttcgaaa	ccagcctggc	caacatgggtg	66960
aaaccccgct	tctactaaaa	acagaaaaat	tagccgggca	tgggtggcgca	tgcttataat	67020
cccagctact	caggaggctg	aggcaggaga	attgcttgaa	cccgggaggg	ggagggtgca	67080
gcgagtgaga	gcaggccact	gcactccagc	ctgggagaca	gagcaagact	ctgtctcaaa	67140
aaaaaaaaaag	aaaaaaaaagaa	agaaaggaaa	aaaagaaaga	aaaaaaaaaga	aaaaagaaaa	67200
ttcaggccag	gccaggcctg	gtggctcaca	cctgtaatcc	caacactttg	ggaggctgaa	67260
gcgagacggt	gccttagccc	aggagtttga	gaccagcctg	agcaacatag	cgagaccctg	67320
tctctataaa	aaaaaatattt	tttttggcca	gacgcagtg	ctcacgcctg	taatcccagc	67380
actttgggag	gccgaggcag	gtggatcacg	aggtcaggag	atggagacca	tcctggctaa	67440
cacggtgaaa	ccccatctct	actaaaaaat	acaaaaaatt	aaccgggcgt	ggtggcgggc	67500
gcctgtagt	ccagctactc	gggaggctga	ggcaggagaa	tggcgtgaac	ccgggaggcg	67560
gagcttgcag	tgagccgaga	ttgcgccact	gcactccaga	ctgggagaga	gtgagactcc	67620
gtctcaaaaa	aaaaaaaaaaaa	aaaaaaaaaat	taattgtcag	gtgtgctggc	atgcagctgt	67680
agtcctagct	actcgggagg	ctgaggtaag	aagatcgctt	gagcccagga	gttcaaggct	67740
gcagtaatag	tgctctcac	tctaccctgg	gtgacaatga	gaccctctct	caaaaagaaa	67800
gaaaaaagg	aaagaagaaa	agaaagaaa	aaagagaaga	aaggaaggaa	gaaagaaaga	67860
aaaagaaaag	gaaggaagga	agaagaaaaa	aaaagaaaga	aagaaaagag	agagaagttc	67920
aaagaccaa	gggtcaggat	cccaaaatag	tttttatgtt	ttatttattt	atttacttat	67980
ttatttttga	gacagtatgg	ctctgtcgcc	caggctggag	tgcagtgatg	cgattgcggc	68040
tcactgcagc	ctccaaactg	ggctcagggtg	gccctcccac	ctcagcctcc	cgagtactgt	68100
ggaccacagg	cgcgtgccac	catgccagc	taatttttta	attctttgta	gagatgaggt	68160
ctctatatgc	tgcccagggt	ggtctcgagc	tcctgggctt	aagccatcca	cccgcctggg	68220
cctcccaaag	tgctgggatt	acagaagtga	gccaccgcgc	ctaactcgggt	ggtttgtttg	68280
tttattgacg	gggtctcgct	gctgcccagg	ctggagtgcc	agtggctggt	cacagggtgca	68340
gtcctggagc	attgcatcag	ctcttgggct	ctagcgatcc	tccagagtag	ctgcagctgg	68400
gattccaggc	gcgccaccgc	gcggggctca	gaatgggttt	ttatattgag	ggttatgctg	68460
ccacctagag	gatatatgta	gtaccgaact	gtgtgcgcag	ggaggctgag	gttgcagtga	68520
gccaagatga	tgccagggca	ctccagcgtg	ggtgacagag	caagatttca	tctcaaaaaa	68580
aaaaaaaaaaa	aaaaaaaaaaa	aagaattgaa	agtaaggctc	tgaagagata	tttgtgcctg	68640

tatgggtcata	gcagttattaa	cttttgaccca	ctagctaaaa	cacaaaagca	acatgtgtct	68700
gtcagcaggt	gaacggataa	acaaaatgtg	gtatatatgt	acaattgaat	attattcagc	68760
ctttaaaaag	gaataaaaagg	ctggatgagg	gggctcacgc	ctgtaatcct	aacacttttg	68820
gagactgagg	tgggtggatc	acccgaggtt	aggagtttga	gaacagcctg	gccaacatgg	68880
tgaaacttca	tctctactaa	aaataactaaa	attagccggg	catggtggca	cttgtctgta	68940
atccaagcta	ctgggggaggc	taaggcagga	gaattgcttg	aactcaggag	ccggaggttg	69000
cagttagcta	agatggcacc	actgcactcc	agcctgggca	acagagttag	actccatctc	69060
aaaacaaaca	aacaaaaaat	tattattttcc	aaagaaacaa	gaccctgggt	ccatttccca	69120
gccacacact	gatgttgact	cacaacacac	agcctgggtt	gctatgagcc	tgcttcattt	69180
aattgtcacc	tttaacttcac	atcacctcca	agtcctggaa	taactctttg	ctgacctttg	69240
tgtgctgagc	catctccatg	tcgctcaacg	tgcagtccct	ctcactgcac	tgagtcaata	69300
gccagacgtg	gtctgactgc	aggggtcatcc	ttgggtggctt	aggctgactc	gggcatagca	69360
gggtgctctg	agacctcacc	gcataataggc	tttgccccc	ataaactcta	tataatatct	69420
atattatgtg	gtctgggtgt	gtgtagcttt	gcactgtctt	ctcgtgacag	tgccctcaac	69480
ctctttccca	ggatttcctc	ctctacctcc	tcaagtccca	ctgctctgca	aagacccaaa	69540
gctgcagagt	cccagctccc	tcctttacac	cccacgacgc	agcctcctct	ctcagaacct	69600
tttaaacaga	gtcttttact	gcagatccca	agaacagcca	caccctctct	tcccaccac	69660
tccagacaca	cccaggtaat	tatagcacc	agggttaacta	tgtagatgga	gtccctggaa	69720
catgtggata	gtgccccctg	ggagtatgca	aaagcaacat	tgctggcacc	tgcagagaac	69780
aggggtgacat	ccaggaatca	gagcatgggc	ctctgggagg	tagggatgtg	gccaggcagg	69840
ctgccaaaaa	ttggtagagc	aaggccacag	gatctttctg	accttccttc	caaacagagg	69900
ctcctgtact	ggtgatccct	gtgttgattg	accactccct	tcctgggggt	cgtgggtctct	69960
gtcccagttg	cccggacttc	tgtgagtgtc	ctactgaggt	ccttttcatg	agaagcatgc	70020
tgctcctcca	cctgctggga	gcaagagtga	caacttcaat	actataatag	cagtggcata	70080
cagagaagaa	gaaagatgaa	gtggcaagaa	aaacaggctt	ccaagcagga	gtttttctat	70140
aaaaacaaaa	acgtttacaa	gcaaactttt	tataaagggc	tagatagtaa	atattttagg	70200
ctttgagagc	cacatagact	tgtttgcagg	gactcaatgt	cgctattgta	gtttgaaagc	70260
agccatcagg	gttatgtaaa	tgagttagtc	tgattttgtt	tcagcaaaat	tttatttacc	70320
aaaacagaca	atgagtgggc	tggatttggc	ccatgatcct	tagtttgcca	actcctgctt	70380
tgggctcacc	cagatctgat	tttgaattct	ggctctgcta	ctggttagct	gcaggagctt	70440
ggaaggctct	ctgagcctgt	ttcctcatct	gtaaaattaa	agcaataatt	tctaactctc	70500
aagagtgtta	cctcacgcct	gtaatcccag	cactttggag	gctgaggcag	gcggatcacc	70560
tgaggtcaga	agttcaagac	cagcgtggcc	aacgtggcaa	aaccctgtct	ctactaaaaa	70620
atacaaaaag	tagccgggca	tgggtggcgcg	catctgtaat	cccagctact	tgggaggctg	70680
aggcagggat	actgctagaa	cctgggaggt	ggagcgtgca	gtgagtggag	atcacacctc	70740
cacactccag	cctggccgac	agagcgagac	tccatctcaa	aaaaaaaaaa	aaaaagagtg	70800
ttagaagggt	ttgagataat	gaataaaaaga	tgcttgtgt	atactaagta	ttcaacaact	70860
gatagctgca	ttgggtcta	tataacagtt	tagaagcgat	tgagtcaaca	aatgctggat	70920
ttgtcagggg	ggacttccta	tcaggaggta	gatcttgggc	tgagtccctga	agcaaagata	70980
ggcattggat	agaggagtgt	agagaacacc	ctaggactgt	tattattatt	attcgacacg	71040
gagtctcttg	ctctgtcacc	caggctggag	tgcagtggcg	cgatctcggc	tcactgcaac	71100
ctctgcctcc	cagggttcaag	cgattctcct	gcctcctaag	tagctgagac	tacagggtgtg	71160
tgccaccaca	cccgggcta	ttttatatatt	ttagtagaga	cagagtttca	ccatgttggc	71220
catgctgggc	tcgaactcct	gacttcagggt	gatccaccgc	cctcagcctc	ccaaagtgtc	71280
ggaataacag	atgtgagcca	ccgcacccag	cccagaacca	tttttcaatc	cttgggtctg	71340
cctttttatta	gctgcaagat	ctcaggcaat	ttattttaacc	tctccaaaga	ctcattttct	71400
cattcacaaa	atgaggcaaa	taataatatc	tactatccca	ggttgtcatg	agaattaaat	71460
gcaacatgac	atttaatgaa	atgagaagtc	ccttggacat	taactggcta	aagtatgtgc	71520
tcgacaagga	tatcatttta	ggtggatact	tagcatctca	gaactgatgc	tcacaatgga	71580
atatcattga	aacgcattaa	aattcatttt	aaatgattgt	aggtagtgag	gcaattgaaa	71640
gaagaagaca	agaggactga	ttataatgct	tcaggctcac	tagtctcctt	ttaggaggga	71700
aaaacaattt	caagttaaat	tttaggctct	agatttttac	ccctgctgct	cattagaatc	71760
accagatttg	atgaaatcag	agcccatctg	aggctgtgtt	tttcatctcc	agaatgagag	71820
ctggtgtggg	gattaagttt	ttgaaaaagt	acatctaaca	gggtgatcgaa	aatgatagt	71880
atattattgc	agtgatggtc	attattgttg	ttattattat	actgaaagag	gcttcagttt	71940
tctgatccat	aaagtgaggg	aattgcatga	gaccattgct	aagattcctt	ctagctctgt	72000
ttttttgttt	ttgtttttta	gacagagtct	ctgtcgccca	ggctggagtg	caatggcatg	72060
atcttggctc	actgcaacct	ccgcctcccg	ggttcaaagt	atcctcctgt	ctcagcctcc	72120
gaagttagctg	ggactacagg	cacacaccac	catgcccagc	taacttttat	atttttaata	72180
gaggtggggg	ttcaccatat	tggtcaggct	ggtctcaaac	tcctgacctc	aggtgatcca	72240
cccgcctcgg	cctcccaaca	tgctgggatt	acaggcatga	gccactgtgc	ccaaccctt	72300
ctagctttct	tgatcactga	ttctaggggt	ctctgctgaa	atataattga	gacatcctgg	72360
ataaaaagatc	atgcaagagc	tcccaatatg	gtattaataa	ttgattctgg	aggcttagct	72420
actcctgatg	gattagacat	gactcaactg	cctctcttat	gtgtacaaca	caacaacaca	72480
accaagaaag	gttattctgg	cattccattt	attcagttta	tttacagccc	ttacttccag	72540

cagcacgtta	aagatatggc	cagggccggg	tgcagtggct	caagtctgta	atcccaggac	72600
tttgggaggg	caaggtgggc	ggatcacaag	gtcaggaggt	tgagaatctg	gcaattcttc	72660
agacttagaa	gcaaccagct	cgataacaca	gtcttggtg	ggctctccct	ctgtccctcc	72720
ctcgcttccc	tcattttctca	tccttgcccc	tgagactgtg	caccttcaca	tagccctgcc	72780
atgagacctt	catctcaggg	tttgctttct	ggggtaactg	aggctaaaca	ctgagtggcc	72840
ctaaaagagg	attgggattt	ggaagttaga	ttattcacca	gagaacagac	tttgctgatg	72900
atcaggccca	ggttgtaatt	gttgaaaaaa	agagaggatg	catagtctta	tctcatctcc	72960
tagtcaaagt	caacaccatg	ataaataaga	gtcaaatect	gagatgtgaa	ttggggacat	73020
ttgagtgggt	aaccttgaga	agcttgacc	ttcagacccc	tcaatacccc	tgctccccag	73080
agaaggctgg	acattgacct	cagcacaggg	aggagccctg	caagatgcca	tttgctctac	73140
taaagatgga	ccccccact	ctgtttctag	gtaaataacc	aaagtcaagt	ctccacacag	73200
cctgagcaag	aaagtcagag	cctgctacag	gagaaaatac	cacactggcc	aaaggattca	73260
ctagccctgg	ccactgtgtg	tgggaggaac	cagggaatca	tgtgtgggag	tcaatgttga	73320
agctgttgga	ctgggggtgg	ggtggaatat	aagcctggcc	ctggggaggt	tttcccgttt	73380
gagggccttt	accacaaact	caagatccag	tgctatagca	ggagatccca	gagctagtcc	73440
taacagatgg	tcaggattga	acttggccta	gagtaaaatg	aggaggatag	tgccagaact	73500
ttctcaacat	actattgagg	aagagggtcag	aaggcttaag	gaggtagtgt	aactggaaag	73560
gggtcctgat	ccagacccca	ggagagggtt	cttggaacct	gcataagaaa	gagttcgaga	73620
cgagtcacc	cagtaaagtg	aaagcaattt	tattaaagaa	gaaacagaaa	aatggctact	73680
ccatagagca	gcgacatggg	ctgcttaact	gagtgttctt	atgattattt	cttgattcta	73740
tgctaaacaa	agggtggatt	atttgtgagg	tttccaggaa	aggggcaggg	atttcccaga	73800
actgatggat	ccccccactt	ttagaccata	tagagtaact	tcctgacgtt	gccatggcgt	73860
ttgtaaaactg	tcattggcctt	ggagggaatg	tcttttagca	tgttaatgta	ttataatgtg	73920
tataatgagc	agtgaggacg	gccagaggtc	gctttcatca	ccatcttggt	tttggtgggt	73980
tttggccggc	ttcttttatca	catcctgttt	tatgagcagg	gtctttatga	cctataactt	74040
ctcctgccga	cctcctatct	cctcctgtga	ctaagaatgc	agcctagcag	gtctcagcct	74100
cattttacca	tggagtcgct	ctgattccaa	tgctctgac	agcaggaatg	ttggaattga	74160
attactatgc	aagacctgag	aagccattgg	aggacacagc	cttcattagg	acactggcat	74220
ctgtgacagg	ctgggtgggtg	gtaattgtct	gttggccagt	gtggactgtg	ggagatgcta	74280
ctactgtaag	atatgacaag	gtttctcttc	aaacaggctg	atccgcttct	tattctctaa	74340
ttccaagtac	cacccccccg	ctttcttctc	cttttccctc	tttctgattt	tactacatgc	74400
ccaggcatgc	tacggcccca	gctcacattc	ctttccttat	ttaaaaaatg	actggggctg	74460
ggcgcggtgg	ctcatgcctg	taatcccagc	actttgggag	gccgaggcgg	gcggatcatg	74520
agggtcaggag	atcgagacca	tcctggctaa	cacggtgaaa	ccccgtctct	actaaaaatg	74580
caaaaacatt	agccaggcgt	ggttgccaggt	gcctgcagtc	ccagcggctc	aggaggctga	74640
ggcaggagaa	tggcgtgaac	ctgggagggtg	gaggttgcaa	tgagccgaga	ttgtgccact	74700
gcactccagc	ctgggtgaca	gagcgagact	ccgtctcaaa	aaaaaaaaaa	aaaaaaaaaa	74760
tagctgggca	tgggtggcgcg	tgctgtaat	accagctact	ctggaggctg	aggcaagaga	74820
atcgcttgaa	cccagtaggc	ggaagttagca	gtgagccgag	atcttgacac	tgactccag	74880
cctggtgaca	gagtgagact	ctgtctcaaa	aaaaaaaaaa	agaaaaaaa	agacagaaag	74940
aaagagcaca	gacagagtca	caggtatttg	cagtaggaag	ctgtcaggtt	agagtgcacg	75000
gaaatagaaa	gtatatttta	cacttacagc	acatcttcgt	ttgattagcc	acatttaaaa	75060
tactgaatag	caacgtgtgg	ctatttagta	ttcactaaaa	tcttgagacag	tgcaagtcta	75120
aagaatcctt	gatccgtccg	gcatgggtggc	tcacgccttt	aatcccagca	ctttgggagg	75180
ccaaggtgga	aggatcactt	aagggtcagga	gttcgagacc	agcctggcca	acatggtgaa	75240
acctcgtctc	tactaataat	acaaaaaaaa	ttagccgggc	atggtgggtg	atgcctgtaa	75300
ttccaggtag	ttgggaggct	gaggcaggag	aatagcttga	atccaggagg	cgctgcagtg	75360
agccgagatc	atgccatgcc	actactgcac	tccagcctgg	gcaacagagt	gagactgtct	75420
caaaaaaaaa	aaaaaaattg	ttgggcgtgg	tggctcacgc	ctgtaatccc	agcactttgg	75480
gaggctgagg	ggggtggatc	acctgggttc	tggagttaga	gaccagcctg	gccaacatgg	75540
tgaaccccca	tctctactaa	aaatacaaaa	attagctggg	cgtgggtggg	ggcacctgaa	75600
atctcagcta	ctcaggaggc	tgaggcagga	gaatttcttg	aacctaggag	gcagagggtg	75660
cagttagcca	agatcgcgcc	tctgcactcc	atcctgggtg	gcagagcaag	actatgtctc	75720
aaaaaaaaaa	aaaaaaatac	ttgattgtct	ggacattctg	cagaacatca	tatggagaca	75780
ctatgttgac	gacatcatgc	tgattgtaag	caagaaatgg	caagtgttcc	agaaacacag	75840
tcaagacaca	tacatgccag	aagggtgagat	ataaactcta	ctaagattca	gtggcctgcc	75900
acactgggtga	cattttttaa	cctgctagat	gtttgtgtag	aaaaggattt	aaccttgccc	75960
aaagaggggt	ctggcctttg	tccccagcta	ctggacataa	tctctttaa	ctcttgaaat	76020
atcattcctg	atagaagtat	ttttgttttg	actaggggcc	ttgggcccagc	cagatagcaa	76080
caatgtgatc	tgggttgggg	gctttggatc	aggtggcatc	agtgtgacct	cctgagtggc	76140
tagagactag	aatcaaccac	atgggcagac	aacctagctt	acatgatgga	attccaataa	76200
agactttgga	cacaagggtc	tgggtaagct	ttcctgggtg	gcaatgctct	atactgggaa	76260
acctattctg	actccatagg	gagaggacaa	ctggatatcc	tcatttggtg	cctccctggg	76320
ctttgcccta	tgcatttttc	ccttgtctga	ttattattat	tattatgaga	tggaaatctc	76380
ctctgtcacc	caggctggag	tgcagtggaa	tgatctcaac	tcactgcaac	ctctgcctcc	76440

ccgggttcaag	cgatttttcc	gtctcggcct	cccgagtagc	tgggactaca	gatgcatacc	76500
accacacccg	gctaattttt	ttgtattttt	agtagagacg	gggtttcacg	ttagccagga	76560
tgggtctcgat	ctcctgacct	catgttccgc	ctgcctcggc	ctctcaaagt	gctaggaata	76620
catgtgtgag	ccaccgcgcc	cagccccctt	ggctgattat	taaagtgtat	ccttgagctg	76680
tagtaaatta	taaccgtgaa	tataacagct	tttagtgagt	tttgtgagca	cttctagcaa	76740
attatcaaac	ctaaggatag	ccttggggac	ccctgaactt	gcagttgggtg	tcagaaataa	76800
gggtgctcat	gtgtgtacca	tgccctctaa	ttttgtagtt	aattaacttt	cacaacttta	76860
ttattaccgc	ttacactcaa	tgtttattca	catttatcca	cataccactt	attctagtgc	76920
cttgcaccaa	agactttcta	tctcatgtac	tttattctgc	ttgaagtaaa	tccttttagga	76980
tattcttttt	tttttttaaa	ccttgcacat	acatactttt	atttttttatt	tattttttaat	77040
tttggtatttt	ttgtgggtac	gtagtagata	tatgtattta	tggagtacat	gagatgtttt	77100
gatacaggca	tgcaatgtga	aataagcaca	tcatggagaa	tgggggtatcc	atcctctcaa	77160
gcaatttatc	cttcaagtta	caaacaatcc	aattacactc	tttaagtatt	tttaaaatgt	77220
acattttaatt	ttgtattgac	tagagtcact	ctgttgtgct	atcaaataata	attttttttt	77280
tttttgagac	agagtctcac	tcagtggccc	agactgaaag	tgcagtggca	caagctcggc	77340
tcacttcaat	ctctgcctcc	ctgggttcaag	cgaatctcct	gcctcagcct	cccacatagc	77400
tgggattaca	ggcacacacc	accatgccc	gctaattttt	atattttttt	agtagagacg	77460
gggttttcgcc	atgttggtgca	ggctgggtctt	gaactcctgg	cctcaaataga	tctgaccacc	77520
tcagcctccc	aaagtgttag	gattacaggc	atgagccacc	acacctggcc	aaaatagaat	77580
attcttttagt	gaggtctgct	ggtgacaatt	tttttctttt	ttttgagact	gagtcctcgt	77640
gttggtcagct	tgggctggag	tgcaatagca	cgatctcagc	tcactgcaac	ctccacctcc	77700
cggattccag	caattctcct	gcctcagcct	cccaagtagc	tgagagatta	caggcaccca	77760
ccaccacacg	cggctaattt	ttgtattttt	agtagaaatg	gggggttcacc	gtgttggcca	77820
ggctgggtctc	gaactcctga	cctcaggtga	tccaccacc	ttggcctccc	aaagtgtctg	77880
gattacaagc	atgagccacc	acgcacagcc	aatttttttcc	gtttttgtct	gaaatcttat	77940
tttgtgtcat	ctttgaaata	tattttttgat	ggatataaaa	ttgttgggtg	atagttatta	78000
tcattattat	tattattttg	agacaggggtc	tcactctgtt	gcctatgctg	gggtgtagta	78060
atgtgatctc	ggttcactgc	agacttgacc	tcctaggggt	caggtgatct	tcccacctca	78120
gcctccctag	tagctgggac	tacagatgca	tgccaccata	cccaactaat	ttttctattt	78180
tttgtagaga	tgaggctttg	ccacatttcc	caggctgggtc	tctaactcct	gagctctagc	78240
aatccaccca	ccttggcctt	acaaagtgtc	gggcatgac	tagccagcag	ttacttttta	78300
tagcatattg	aatattttaat	atgaatcttc	tggcatccac	tgtaactgtt	taaaaaatca	78360
gctgtttact	tggcactcct	tttttttttt	tttttttttga	gacagagtct	tgccctgtcg	78420
cccaggetgg	agtgcagtgg	cgtgatcttg	gctcactgca	agctctgcct	cccggttca	78480
cgccattctc	ctgcctcagc	ctccggagta	gctgggacta	aaggcgcccg	ccaccacgcc	78540
cggctgattt	ttttgtattt	ttcgtagagt	tgggggtttca	ccgtgttagc	caggatgggtc	78600
tcgatctcct	gacctcgtga	tctgtccgcc	tcggcctccc	aaagtgtctg	gattataggc	78660
gtgagccacc	gcgcccagcc	tctttttttt	tttttttttag	acggagtctt	actctgtcat	78720
ctaggctggg	gtacagtggc	gtgatctcag	ctcagtgcaa	cctccacctc	ctgcctcagc	78780
ctgccaaata	gctgggatta	caggtgcgta	ccatcacgcc	cggctaattt	ttgtattttc	78840
agtagagatg	gggttttcacc	atgttagaca	ggctgggtctc	gaactcctgg	cctcaagtga	78900
tctgcctgcc	ccagcctccc	aaagattaca	ggcatgagcc	accgcacccg	gccaaagtagc	78960
actcctttga	aggtaatctg	cttccccctac	ccctagcaat	ttttaacaat	ttttcttcat	79020
ttttattttcc	tgaagttttg	ttattaataa	tctgtgtgca	gatttctttg	tatttctttt	79080
gtttgcagtt	catagtgatt	cttgaattag	tgtgttggtt	tctgttatca	ccacaggaaa	79140
attgtcagcc	gttagctttt	caaataattt	cctgctaaat	tctctcttct	cccctttcgg	79200
tacaattgat	ttgattaaaa	ctaaaaccag	ggccgggtgc	agtgactcat	gcctgtaatc	79260
ccaacacttt	gagaggctga	ggcaggtgga	tcacctaaagc	tcaggagttc	aagaccagcc	79320
tggccaatat	ggtgaaaccc	cgtctctact	aaaaatacaa	aaattaccag	gcatgggtggc	79380
acacatttgt	agtcaggagg	ctgaggcagg	agaattgctt	gaatccagga	ggtggagggtt	79440
gcagtgaagt	gagatcccac	cactgcagtc	tggcctgggc	gacagagtga	gatgagaatc	79500
tgtctcgaaa	aaaaaagtta	tgaatgtttg	ataaactata	tttgttagaa	tgtttgttgt	79560
agaatactat	tcattgattt	ttaaacaatg	ttagattaaa	ccattcactg	gatttgtgat	79620
aattaactta	ctgatttttac	ctcactgatt	tgttgtaatt	aatacaactg	gtataaaaag	79680
actgtgacga	ggccgggcat	ggtggctccc	gcctataatc	ccagcacttt	gggagggtga	79740
ggcaggcgga	tcacctgagg	tcaggagttc	aagaccagcc	tgaccaacat	ggtgaaaccc	79800
catctttact	aaaaatacaa	aattagccgg	tcgtgggtgg	gcatgcctgt	aatcccagct	79860
cttcggggagg	ctgtggcagg	agaatcactt	gaaccgggga	ggtggagggtt	gcagtgagcc	79920
gatatcgcg	cattgcactc	cagcctgggc	aacaagagcg	aaactccgtc	taaaaaaa	79980
aaagaaaaaa	aacacataaa	acaaaacaac	actgtgacgg	ttcccaaaaa	ttaggagcat	80040
aattaaagga	actcctgata	aaaattaatt	ttatcttaca	tgtaaaactaa	aatgacttta	80100
tgaagttaat	tcagaaatac	aatgcagggt	attagtttgc	cacagctgcg	tattcagcct	80160
aatgtaatat	tcttggttatt	tttaaattct	tcttttaact	ttactcatat	gtggatcatc	80220
aaatttcaaa	agattaaatg	acaatactct	tagcagcaag	cttccttaag	catataaaca	80280
ttttaatggg	tgatgattca	gaaggtagcc	gaagaatatg	tactgccaga	tatcattcac	80340

ccccatatac	ctgccccgaca	gacatcccat	tttgggaccc	tggataaatg	tgtgggtgga	80400
gagaaagata	ggagaaagt	gtataagcaa	atggcttttg	agtctgattg	acagcgattg	80460
aaatcctgtc	tctacctctt	aacagcctca	tgatcctaca	taagttaccc	cgatcctcag	80520
ggccacatct	gtaaattggg	ggttgcgatg	gcagccatct	cacaggggtc	cttttcgggg	80580
aagggcagga	attatggatt	aagtgagcta	gtaattgtaa	agcacttaat	acaaggaggg	80640
cgcataataa	gtacttcata	aataatgacg	gccattatca	tgactgaggt	gtatgcagct	80700
gtcgggggatt	acggcgactt	cagaatttct	ggtgggcagg	gctcaaaggc	agcaaatacac	80760
actggaagtc	gaggtgaggg	actgcttctg	cacagactgc	ttagctggag	agaatgagga	80820
aggcttagag	gagatttaga	ggaacttaga	gtcctccgcc	tccaactctg	tgggatctgc	80880
tcccgtgcc	gagacattca	ggggatttct	cgcactctcc	cctcccctac	gtccctccc	80940
ccccatccaa	ctaaccacac	aacacataca	aaatagcccc	tgcgaggttc	tgcacgctgg	81000
aagggaaacag	gagaagggcg	ctgcgctttc	ttgctgatgc	cctgtacttg	ggccccctggt	81060
agacacagcc	acttgtcccc	tcagcctgca	gagaaatccc	acgtagaccg	cgccccgggtc	81120
cttggcttca	gccaatctcc	ctttgggtggg	ggtgggatgc	acgatccaag	gtttttattgg	81180
ctacagacag	cgggggtgtgg	tccgccaaga	acacagattg	gctcccagag	gcatctcggg	81240
tccctggtgg	ggcgccgctc	agcctcccgg	tgcaggcccg	gccgaggcca	ggaggaagcg	81300
gccagaccgc	gtccattcgg	cgccagctca	ctccggacgt	ccggagcctc	tgccagcgct	81360
gcttccgctc	agtgcgcctg	gacgcgctgt	ccttaactgg	agaaaggctt	caccttgaaa	81420
tccaggcttc	atccctagtt	agcgtgtgac	cttgagcagt	tgactttatt	tttcagtgc	81480
tagttttcca	gataccagga	ctgactccaa	ggactattac	tcactctggag	ggttttagcac	81540
agtaccgtcg	catagtaaat	ttccatgtca	gtttttggtta	cctttcatgc	acttgcaaac	81600
atgccatgct	ctgaaacgaa	ataggcacat	ctttttttttt	tttttttttta	aggagtcttc	81660
ctctcgccca	ggctggagtg	cagtggcgcg	atcttggctc	actgcaacct	ccacctccc	81720
tgttcgagat	tctcctgcct	cagcctcctg	attagctggg	actacaggca	tgccacgacg	81780
cccagttaat	ttttgtattt	ttagtagaga	cgggggtttcg	ccatcttggc	caggctgggtc	81840
taactcctga	cctcaggtga	tctgactgcc	tcagcctctc	aaagtgttgg	gattacaggc	81900
ataagccact	gcatctggcc	agaaatgaaa	taagtaaatc	ttttaacctg	ctctaacaat	81960
atagtgaaaa	gaccatatta	ttattagagc	aggtaaggg	atgtgcctat	ttcgggttct	82020
agttatagtc	ttaaacttgg	acattcctgt	agaaagtaaa	aagtttcctc	ttcaaagttc	82080
cccttcttgt	taaagaatac	atcataagt	ttagaagtaa	tagtttattt	ttaaagactaa	82140
ctttcttcaa	gcctccttgc	tttgtgctaa	taactccttg	ttaagcccta	tcctatgtaa	82200
ctgttgagca	tgctcacagg	cacgttccag	ttcacagcct	atgccccctc	cttattttgga	82260
aatgttattg	cttccttaaa	cctttcggta	agcaacttcc	tctccttctt	cgttcttctc	82320
tgcacttacc	tatttagaaa	gttttaggct	attagcaaat	cggctatcag	tttaagagtg	82380
tgagggtccc	ctccagccaa	tggatgcagg	acatagcagt	gaggacgacc	caaatgcgta	82440
agggataaat	atgttttgctt	ttcctttgtt	cagggtgtgt	ctcgacatcg	ttccatctgc	82500
gattgagcac	cctttctgca	gaaagtaag	attgccttgc	tggagatctt	ttgtctccgt	82560
gctgactttt	cttcgtggca	ccgattatct	atttctaaca	attttggtat	ttctaacatt	82620
ctgaacaatc	ttgggctagt	tgtctcttct	gggcctgttt	ccccatccgt	cacatgataa	82680
acttcatttg	tttaaaaacc	ccagcgaaca	tttattgagt	tactattacc	ttcctgccct	82740
ccccaaaccc	aaccccagg	agcagttaca	acctcagccg	ctgagcgcac	tcgcccgggtg	82800
ttaagaagca	ccaaagacag	ggaggcttga	ttgattttgc	tttgggagta	gagggtcaga	82860
agattcacag	gaaaatggca	tttgagcaag	gatgattcac	tggagctagc	ttttaaatat	82920
tggcgaggct	tttatgttgc	agtcccttac	aaagttagag	attcgcaggg	actgcactcc	82980
gaaataagcc	cgcttcccct	tttcattcgc	taatgatcca	gggagctgct	ggttccgcat	83040
gcggcagggt	gtgccttttc	ctaatacagg	ttctgcacgc	cctcgaaccc	gcaggccgtg	83100
gcgggttctc	ctgaggaagc	agggactggg	gtgcagggtg	aagctgctcg	tgccggccag	83160
cgcctgtgag	caaaactcaa	acggaggagc	aggaggggtc	gagctggagc	gtggcagggt	83220
tgaccctgcc	ttttagaagg	gcacaatttg	aagggtaccc	aggggcccga	agccggggac	83280
ctaaggcccc	ccccgttcca	gctgctggga	gggctcccgc	cccaggaggt	tagttttgca	83340
gagactgggt	ctgcagcgct	ccaccggggg	ccggcgacag	acgccacaaa	acagctgcag	83400
gaacggtggc	tcgctccagg	caccagggc	ccgggaaaga	ggcgcgggta	gcacgcgcgg	83460
gtcacgtggg	cgatgcgggc	gtgcgcccct	gcacccgcgg	gaggggggat	gggaaaagg	83520
gcggggccgg	cgcttgacct	cccgtgaagc	ctagcgcggg	gaaggaccgg	aactccgggc	83580
gggcggttgg	ttgataatat	ggcggttggg	gctgcctggg	catcccagag	aggcggtggg	83640
gcccactccc	ggaagaagg	tcctttttcg	cgctagtgc	gcggccccct	tggaccggga	83700
agtccgggcc	gggttgctgaa	tgaggggagc	cgggccctcc	ccgcgccagt	ccccccgcac	83760
cctccgtccc	gaccggggcc	ccgccatgtc	cttcttccgg	cggaaaggta	gctgaggggg	83820
cgccggcggg	gagtcaggcc	gggcctcagg	ggcggcgggt	gggcagggtg	gcctgcgagg	83880
gctttcccca	aggcgggcagc	aaggccttca	gcgagcctcg	acctcggcgc	agatgcccc	83940
tgagtgcctt	gctctgctcc	gggactcttc	tgggagggag	aagggtggcct	tcttgcgcca	84000
ggtcagagga	gtattgtcgc	gctgggttcag	aagcgattgc	ttaaagcccat	agaagtctct	84060
gcctgttttg	ttaagaacag	ttcttaggtg	ggggttagtt	tttttgtgtt	tctttgagga	84120
ccgtggatca	agatcaagga	aatctcttta	gaaccttatt	atggaagtct	gaagtttcca	84180
aatgttgagg	gttttatgtc	taaaagcaac	acgtgaaaaa	attgttttct	tcacccagtg	84240

ctgtcttcca	atttcctctt	tggggggagg	ggtagttact	gctgttacta	aaataaaaatt	84300
acttattgct	aaagttcccc	aacaggaaga	ccactacttt	tgatgacttt	ggcaagtttg	84360
ctaactactg	gaaccctaac	ttacaaacga	actacttaca	tttttgattt	ccagttgtat	84420
tacctgcca	atgtttacgt	agaaacagct	taattttgat	tctgggtaac	gttgttgcac	84480
ttcattaaaa	atacatatcc	gaagttagca	agtatgggtc	tgtggacagc	agtgattttt	84540
cctgtcaatt	cctgttgctt	cagataaaat	gtaccagaca	gaggccgggc	gcggtggctc	84600
acgcctgtaa	tcccagcact	ttgggaggct	tggcgggtgg	atcacctgag	atcgggagtt	84660
caagaccagc	ctgaccaaca	tggagaaacc	ccgtgtctac	taaaaataca	aaattagcca	84720
gggtgggtggc	gcatgcctgt	aatgccagct	acttgggagg	ctgaagcagg	agaatcgctt	84780
gaacctggga	ggcggagggt	gcggtgagcc	gagatagcac	cattgcactc	cagcctgggc	84840
aaaaagagcg	aaactccgtc	tcaaaaaaaa	agtaccagac	agaaatgggt	tttgttttct	84900
ttttttgttt	tgagacggag	tttcgctctt	gttgcccagg	ctcgagtgca	atggcgcgat	84960
ctcagtctcg	gctcactgca	acctctgtct	cccaggttta	atcgattctc	ctgcctcagc	85020
ctcccaagta	gctgggatta	cccatgcccc	accatgcccg	gctaattttt	gtatttttag	85080
tagaaacggg	gcttcaccat	gttaggctgg	tcttgaaccc	ctgacctcaa	gtgggcctcc	85140
cacctcggcc	tcccaaagtg	ccaggattac	aggcatgagc	caccgcgggc	agccagaaat	85200
gggttttgga	aaaagcacta	aacaaaatcg	aacttgggtt	catatgacag	ctctgctgct	85260
aactgtaaca	ggggcagacc	agttaacctt	cttttctgtc	ttctgtcagc	tgagaattag	85320
atgattccca	aaggccattt	gaactctgaa	tgactttaaa	tacttcttct	taagtgggta	85380
cacggttttg	gtaactgatg	ccagggtgatg	aatgcatgaa	agtgcctaat	gaatgaaacc	85440
ggtaaaaatag	taggaggaag	ctttattggg	aaggcagggg	tatacctaata	agctctctaa	85500
tttattggta	ttgaagtggg	taacttttgt	ttttttaagg	ggggaaaaca	ttctaagaat	85560
aatgaggcaa	actgcatatt	gcacaagaga	ctgttgtctc	tattcaacaa	ataccttttg	85620
agtgtccaga	gtctgccagg	tgctgtgcta	ggccctcacg	attgagtagt	gaaccagaga	85680
atgtccctgc	acccatggag	cttattgtct	actggggtag	acagataata	aataagcaaa	85740
caaatcttct	ctcttctccc	tttcgctcca	tgtaagtgtg	tgtgtatagg	tgtatactta	85800
caagttgagt	aaagtgttat	gaaagattaa	gaggagaaat	gcattttggg	tagatgtag	85860
aggactcagc	aggtgacctt	gaaacttaga	gctgaaggat	cagtaggagg	taactagaga	85920
ggccagggaa	tcgcatgttc	aaaggccagg	aggcaagaaa	gagcatgggtg	cccttcaaga	85980
gaggaaagaa	ggctactgtg	actggagcat	agatgtaggc	aagtgttggg	tgattgagag	86040
ctctacgggc	catggttagg	ttttattcct	aatgccgaga	tgccaaacat	ggtgggtcat	86100
atctgtaatc	ccagtatttt	aggaggccga	ggcaggaata	tagcttgaac	ccaggagttc	86160
aagaccagcc	tgagcaacat	gagacctgta	caaaacattt	aaaaaattgc	tgggtatgat	86220
ggtgcacacc	tgtggtccca	gctactcagg	aggctgaggc	agaaggatca	cttgagccta	86280
ggaggtggag	gctacaatga	gccatatttg	agtcactaca	ctccagcctg	gatgacaaag	86340
tgagaccatg	tgtcaaacaa	aatacagaaa	gaatattaat	ttaaaatttt	gaaagaggag	86400
tgatctgaac	ttatatctta	aaaagatcat	tctagggcat	ggtggctcat	gcctgtaatc	86460
aagggtcttg	ggaggctgag	acaggaggat	cacctgaggc	cagttcgaga	tcaacctgta	86520
cagcatagag	agactccatc	tctacaaaaa	gaaaaaataa	atagctgggt	gttgtgagtt	86580
attcaggagg	ctgaagcaga	aagatcactt	gagcccagga	gtttgaggct	gcagtaagct	86640
atgatcccac	cactgcaaca	cagttagatc	ttgtctcaaa	aaaaaaaaaa	aatcattcta	86700
ggtgcttttt	ggaggctgga	tgtggttaaga	gtagaagctg	gagatgggtc	tgttagggat	86760
tcgattcaga	ctttaaatac	catcaatgca	ttgagtccca	aatttacatc	actacgttgg	86820
atccttgccc	ctgaatccag	actggtatat	ccaacttttag	gttcagtttg	tatctctacc	86880
tgaccaatat	agaggtgtcc	agtcttttgg	cttccttagg	ccacattgga	agaagaattg	86940
tcttgagcca	cacatagagt	acactaacgc	taacaatagc	agatgagcta	aaaaaaaaatc	87000
gcaaaactta	taatgtttta	agaaagttta	cgaatttggtg	ttgggcacat	tcagagccat	87060
cctgggcccgc	gggatggaca	agcttaaatcc	agtagataacc	ttcaacttac	aatatctaaa	87120
attttatgcc	agatttagtc	attttaaaacc	tgctcatcag	tttttctcaa	gaagtagtat	87180
tttggtcttt	tttcttttct	tttttttgag	atggagtttc	gctcttatcg	ttcaagctgg	87240
agtgcagtgg	cggatcttgg	ctcactgcaa	cctccgcctc	ctgggttcaa	gtgattctcc	87300
tgccctcagcc	tcgcaagtag	ctggaattac	aggcatgcgc	caccatgacc	agctaatttt	87360
tggagacagg	gtttcaccat	gttgggtcagg	ctgggttttg	actcctgacc	tcaggtgatc	87420
tgccctgcctc	ggcctcccaa	aggctgggat	tacaggcatg	agccaccgct	cccggctgca	87480
tttttggtatt	tttagttgct	cagcccaaaa	cttttagtaca	tctttgaacc	tcttctttcc	87540
tctactcta	tatctgatcc	atcagcaaat	ctgttaggtc	tacctcacac	atatcgaaat	87600
cctaccacgt	ctcaccatct	gtgacaatta	acaccctggg	ctaggcagtc	atctctgtta	87660
agattgagtg	gttaaggatg	tctcttaagg	agatgacatt	caaatcttag	cttaaattgtc	87720
aagagggagc	tgggttttata	aagattgagg	aggcagcatt	attttgccat	aggcttccat	87780
ttgggtttcca	ttccattctt	gatacttatg	gtatatattc	aaaacaaatg	cacagaaaca	87840
gaccaggtta	tattgggaat	ttcggatata	gagttcctag	ttgggaaaag	atagactgat	87900
ctgtaaatga	tgctagttat	ccatcatctg	gcaaaaaata	atctcctgcc	tctctcata	87960
tatctcagat	caacagactt	tttctgttaa	gggccaaatc	ataaatattt	taggctttcc	88020
agaccatatg	gtttctgtca	cactctcctt	tatccttgaa	gccatagaca	atatgtaaac	88080
aaatgggcat	ggctgtgcta	cgataaaact	ttacttacia	aaactggtag	tgggccagtt	88140

taggcatggc	cagcactttg	ggaggctaag	gcagatggat	cacttggggg	caggagtttg	88200
agaccagcct	ggccaacatg	gtgaaaccct	gtctctacta	aaaatacaaa	aaatagctgg	88260
gcatgggtgg	gggtgtctat	aattccagct	actctggagg	ctaagacaca	agaatcactt	88320
gaacccagga	ggcagagggt	gcagtgagct	gagatagcac	cactgcactc	cagccagggt	88380
gacggagtct	taaagcaaaa	caaaaacaaa	ggtagtgggt	tgtatttggc	ccatgggctg	88440
tagtttgcca	atccctgatg	cagaaacaaa	ttccaggtaa	ataagagcct	ggaatgttaa	88500
aaaaacaaaa	cttgaagtca	tgtagaagaa	caggtagggg	gaacaatcct	gatctcagga	88560
taggaaggga	tattgcttaa	aataagacac	aggaaaatat	aatccatgtt	gtgtaaattt	88620
gactacgtta	aaacttaaaa	ctttcgccaa	gcgcgggtgg	tcacgcctgt	aataccagta	88680
ctttgggagg	ccgagggtgag	cagatcacca	ggtcaggaga	ttgagaccat	cctggctaac	88740
acgggtgaaac	cccgtctcta	ctaaaaatac	aaaacattag	ccgggctgtg	tggcgggctg	88800
ctgtagtccc	agctacttgg	gaggctgagg	caggagaatg	gcctgaacc	gggaggcgaa	88860
gcttgacgtg	agctgagatc	gcgccactgc	actccagcct	gggcgacaga	gtgagattcc	88920
gtctcaaaaa	aacaaaacaa	aacaaagcaa	aaaacctaaa	actttcatac	aataaagtat	88980
acctaagata	cttctagaag	agaagattta	catccaggac	gtgtatggaa	tttctgcaag	89040
taataagtaa	aagacaaggg	acatgaagag	gcagttcaca	aaagaggaag	ccaaaatgac	89100
caataaacat	gaaaggatgt	ttaacctcaa	aggaaacaag	gaaatgaatt	aaaaacatca	89160
aatgccattt	caaaactagt	aagttggcaa	aattaaaaat	accaaggatg	agaatatgaa	89220
gcatggctat	atgagtgcac	ggaatggtag	agtcactttc	attaaaaatg	cacataattt	89280
gtttttttatt	tattttttttg	agacagtcta	tgtcgcctcg	gctagaatgc	agtggcatga	89340
tctcggctca	ccacaatctc	tgcctcctgg	gttcaagcaa	ttctcctgcc	tcagcctcct	89400
gagtagctgg	gattacaggc	acatgccaca	acgcccgggt	aagttttgtg	tttttagtag	89460
agacagggtt	ttgccatgtt	ggccaggctg	gtctcgaact	cctgacctca	ggtgagctgc	89520
ttcccaaagt	gctgggatta	gaggcgtgag	ccaatgctcc	tggctgaaaa	aatgacacat	89580
aatttgttac	ctagcaattc	catgtctaga	ggcttatcct	agagaaattc	ttgcttatat	89640
gcataggaag	acgtgtacta	gaatgttcac	tagttgaatg	tttaagtga	aattaggaaa	89700
taaagtaaat	gttcattaac	aggaaaatga	gtaaaggtag	atttataaaa	caattaagta	89760
gctaaaatga	ataaactaga	gctgcgtgaa	tgaactagaa	ctggttcaat	agtcatgtca	89820
gattattgaa	tgaatacagg	tcagatatgt	atagagtgtc	atttgtgtaa	ttaatttttt	89880
tttttttttt	gagatggagt	ctcactctgt	tgcccaggct	ggagtgcagt	ggcgtgatct	89940
cagctcactg	caacctccac	ctcctgggtt	aaagtgattc	tcctgcctca	gcctcccag	90000
tagttgggat	tacaggcatg	caccaccatg	cccagctcat	tttcctatct	ttagtggcca	90060
cagggtttca	ccatgttggc	caggctgggt	ttgaactcct	gacctcaagt	gttccacca	90120
acttggcctc	ccaaagtgtc	aggattacag	gcgtgagcca	ccgtgctcag	ccatttgcgt	90180
gattttttaa	gatgtgcaga	ataatgccat	taaaaaaaat	acacatacat	gtatatatat	90240
acacgttttg	ctgggtgtgg	tggtccacac	ctgtaatccc	agcacttttg	gaggctgagg	90300
caggaggatc	acttgagccc	agggtgtacaa	gactagcctg	ggcgagatag	caagacccca	90360
tctcaacaac	agaaaggata	attaggtatg	gtggcatgag	aggatcactt	gagcccagga	90420
gttcgagtgt	tatcaggcca	ctgcactcta	gcctggacaa	caaagcaaga	ccgtgtctca	90480
aaaaaataaa	aataaaaagt	atttgtatgt	ggtcatagtc	aaaaaacgta	catggaagga	90540
aatgtcttt	atttatattt	ttattttttt	ttttttaaga	cagagtcttg	ctctgtcacc	90600
caggctgggg	tacagtgggt	taatctcagc	tcaccgcaat	ctcggcctcc	cgggttcaag	90660
cgattcttct	gcctcagcct	tctaagtagc	tgggactaca	ggtacccgcc	accacaccct	90720
gctaattctt	gtgtttttcag	tagagacagg	gtttcaccat	gttggcaagg	ctggtctcga	90780
actcctgacc	ttaagtgagc	caccgcctt	ggcctcccaa	agtccctggg	ttacagggtg	90840
gagccactgc	gcttggccag	gaaatatcta	atttagtaag	tatttatatc	tgggaaagga	90900
agggtcaggt	ggtgattcat	aggaaactcta	aagtctatgt	ataataactta	gggggacaga	90960
aggaaataaa	gcaaaatgct	gatattttgat	tgttgagttg	tgtatatgtt	agaagtataa	91020
cataggagat	ctgattgata	gtaggagaat	gttttttaggt	ggtaaaagtg	gaaccgtggg	91080
ggtttggttt	ggcagtagaa	tcagttgggt	atagtttgta	tgtggaagg	aataaacaga	91140
ccatgttaag	gatgacttcc	ggaatttttg	tctgagtgt	gggtggatga	cagtgtcatt	91200
catgagggaa	gatgaagact	gaggtaggaa	caggtttggg	agaagatgac	atgttccctt	91260
ttagacaagt	ggaattatgg	aagatggcag	gtaggtgggt	agctatatga	atttgagata	91320
aaagatttag	gatggagata	taaatttagg	agtaacagcg	tatctatggg	attgtaagcc	91380
ttaagaatgg	gtaggatcag	ccaggaaata	cagatgtata	tgcagaagag	aggagtcaag	91440
gaagccaaga	caagttaatg	tttaaagtga	gtgatgtagt	ccatgggcag	atgctgctga	91500
gagggtgca	aacaccagtg	accctacaac	atttttaaat	gtcgtcttcc	tgacagcagt	91560
gatcagtacc	tgcaacgatc	ttattttatt	ttttcatgtt	agtctccaca	cacttgaatg	91620
tagacttttt	gaaggcaaaa	tcattgcctt	ttctgagctg	ggagcatgtc	tggcacatac	91680
caagcactca	acagttgatg	tattgacttc	atccagatac	tctgagggcg	agttattttc	91740
tgctactagc	ctttcacctt	tcaatgttta	agagcacaaa	tacagagatg	ggcacgtttt	91800
ggcattttct	attttgataa	ccttttcctg	gtaagatttt	ttaatgttga	aaaaaaaaaa	91860
caagaaaaga	gggttaaaaa	tagtcttatg	tcagatcctg	tgatagaatt	cacacttggc	91920
ttaagctgct	gggcaccttc	ctatcttgga	tgtcatatta	gcttatctac	agcagaattt	91980
ttactgtttt	atgtagtaag	gaagcaatta	tatgattatt	ttacagacaa	attattcttt	92040

atctttttatt	tttttagacg	gagtctctct	ttgtctccca	ggctggagta	cagtgtcgcg	92100
atctcggtct	actgcaacct	ccgcctcctg	ggttcaagca	attctctgcc	tcagcctccc	92160
aagtagctgg	gcttacaggt	gtccgccacc	acaccagct	cattgttttg	tatttttagt	92220
agagatgggg	tttcaccatg	ttggccaggc	tggtcttgag	ctactgacct	caggtgatcc	92280
acccgccttg	gcatcccaaa	gtgctggaat	tacaggcgtg	agccaccgtg	cctggcccag	92340
acaaattatt	atactctgag	tgttagaggc	ttaggatgtt	ttcacttgat	gctatgggag	92400
gaataagtaa	taagatatga	tacacaacca	aagaccttc	ttcactatgc	ttctagtagc	92460
tagtactatg	gatgacacat	ggtaataata	ttggttagca	tttgtcctca	atttactgtg	92520
ctagttactc	ttctaagccc	cttacaggta	tatatTTTTT	ttcatcaata	atcctctaag	92580
gtagttttta	ttattgacct	aattttataa	atcaagaaaa	ttaagacca	gagaagtaag	92640
taacttgtcc	aagatcacat	ggcttataag	tggttagagcc	agaatttgac	cccagatgtt	92700
gtgactacat	tgtctctcca	taagcaggtt	caactctttt	gactggatgc	tgttccaagg	92760
tcacttcctt	agagaagcct	ttgctgacaa	ctaccctcct	gtgccctcct	ccaaggctgt	92820
ccattgttct	agaactttga	atactcatct	tagaataaag	ctgggtctaat	ttttacagtg	92880
ttatagaatg	gatctctgac	tgcaaaaagt	ggtcataatt	atctttttat	gttctagtga	92940
aaggcaaaga	acaagagaag	acctcagatg	tgaagtccat	taaaggtaag	ttctgccctt	93000
ggcagtcac	tgcattaaaa	agtgatgtgc	tttgcatttg	tgagttcttt	aatcctgtta	93060
tactctctct	tttggcatta	atcatttctg	ccttatttta	taattactta	tgattttgat	93120
ttatttccct	ctttaacctg	tataatgctt	taacatctag	catataataa	gtaggctttt	93180
tttttttttt	tttttttggg	gacggagtct	tgctctgtta	cccaggctgg	agtgcagtgg	93240
cgcatcttg	gctcactgca	agctctgtct	cccgggttca	caccattctc	ctgcctcagc	93300
ctccccagca	gctgggacta	caggtgcacg	gcgccacgcc	tggttaattt	tttgtatttt	93360
ttagtagaga	cagagtttca	ccatgttagc	cagtatggtc	tcgatctcct	gaccttgtga	93420
tccgcccgcc	tcggcctccc	aaagtgctgg	gattacaagc	gtgagccacc	gcacccggcc	93480
gtaagtaggc	tttttttacc	ttaattttat	ttttttgaga	tgtagctctg	ctcttatccc	93540
caggctggag	tgcatgtgtg	ccatctcggc	tcactgcagc	atccacctcc	cgggttcaag	93600
cgattctcct	gcctcagcct	cccagtagc	tggtgattaca	ggtggccgcc	accatgccca	93660
gctaattttt	gtatttttag	tagagacagg	gtttcacctg	gttggccagg	ccagtctcaa	93720
actcctgacc	tcaagtgatc	cactcgcctt	ggcctcccaa	agtccctggg	ttacaggcgt	93780
gagccaccat	gcctggccat	aagtaggctt	ttactgagcc	ttgtgtgtat	tggtatcct	93840
agtgattaca	gtgaaccagt	gcccttctta	ttaatcacac	atttaattgt	tccctaaaag	93900
tgattagttc	actttattta	tttagtaaga	caaaaaatga	agaatactct	taactgagca	93960
gtctgttaac	tgtaggaaag	cactgacact	tataaggctt	agttttctgt	catttatcca	94020
gaagtatgg	tgattacagt	ttttactttt	ttatttgaat	gaacaacctt	aattttaa	94080
atattttgtt	tattttttgt	tgggatcgat	acattgtcct	tgtttataga	ttagagcatg	94140
cttttttaaag	atgctgtatt	actcactgat	tttatttgtc	cagtgtacag	agattgaagt	94200
gggaaaatta	taatggaaat	tgtttccata	gtcattacat	attaatttca	tcaatttatt	94260
tccataaaaat	ctgtagattg	ctacttattt	agatttttcc	ttcaaatgtt	tttatgttgt	94320
attgcttgca	ctgagtattt	attctatatg	ctcaatttgc	tggagaagaa	gactaattat	94380
aacttaggca	agttgtaaaa	ttagggaaaa	aagtaaggta	ccttacagcc	tagtttactt	94440
atttcttatg	taaagccagt	tagattccac	attagttcaa	actgccttct	ttgagcaaaa	94500
cttgattggc	agtataaag	gcttaaagcc	cttctcaagc	agagacctgt	aaagactaga	94560
tctgactgta	gtagaaggaa	ggaacttaga	tgtttcaggc	agtgagaaca	ccagtcttcc	94620
actctaaact	ttgccactaa	cagtatgacc	ttgggaagtt	gtaactttct	tcagattctt	94680
catttggtga	atggggggat	tggcctagct	aatttctaaa	tctctactgg	gctaaaaaat	94740
tctgtgctta	tactctgatt	atgaagtaca	taatctgtgc	ttaacattca	ctgacttatc	94800
cttaggataa	tacagaagca	gtacaagaaa	cagccctcca	agatgtttgc	agtctgggta	94860
gaaagacaaa	cttatacaca	gaacagtagc	aaatagacca	aaataataat	agctgccatt	94920
tatagaacac	ttcttctggt	ctgggcatta	gacaaaaact	gactataacg	gtgaacaaaa	94980
aagacttagg	tcctgccctc	attgaactta	cagattagta	ggggagagga	acattaatca	95040
agtaattcca	cagatggcct	agcctagatt	ggtagtgatg	gaagtaaaga	gatgtgaacg	95100
gacttgaaaa	aaaattcgga	ggcaaaatgg	atagaagttt	attattgatt	aaatatgagg	95160
tgtgagagag	agggatattt	aagattgata	cctaccttct	ggcttgccca	acagaaccaa	95220
aacaggaaat	tatatgttca	gttttggttat	gttgggtggg	aggtgctttt	gagtcattca	95280
tttatatatg	ttatatatgt	tattttatat	gcatagtaat	tttaaggctc	gagtttttaa	95340
ccaaagggtta	gagagtgatt	tttttagagtc	tagcaaacct	aagttgaaat	cctgcctgtt	95400
gaaatggctg	tttactagct	cattaaccta	gggcaaagta	ttcaacttgt	tttcattttt	95460
gtcttcatct	ctaaaatgag	gaaaatatgg	tcttacaaga	ttgtcctgag	agatagatga	95520
aataatatcc	aaaaaaaaaa	aaggtacata	gagaaactcg	tatagtgcct	ggtatatagt	95580
aggtcctcca	ttggtagcta	tcattatcta	gttttaacat	agccttcagt	ttgttgaatt	95640
agtcaaactg	agtgaagcac	tgcaagggaat	tcagaggaat	ttgagatcaa	caaatgattt	95700
ctgaagttta	gggaagactt	catggcaatg	acacttacct	tgtataaaaag	ttgaagaata	95760
agaaagattt	gaatgagaga	ttctttctct	tctccctacc	agcccagctt	cttatttgag	95820
gatatatggg	gcaaaggggc	cttcagacaa	gtagagggag	attttttacag	aaagattgag	95880
atgaagggtat	agaaggctgt	aaagaccaga	aaagagaatt	gagacagagg	aagcaggaag	95940

ccactgtagg	tttttgagca	agatattgat	gctgtaagta	tggtgtttat	gaaaggttag	96000
tctggaagag	atttgcagga	tggagacccc	ggaagttttt	ttgttataat	acagaaagac	96060
ttgcactgag	ggtgaggtgt	taaaaataaa	caggttaagta	aatgttttaa	catcttgaag	96120
gaaaagtcaa	caaattcttg	caagtaaaca	gataacagtg	aaaaagaatg	ggaccaagat	96180
tttgagtttt	ggagactggg	ggattgaaca	gacagggaaa	ttgagaggag	aatcagatga	96240
tgatgtttta	agttgatatt	tagacagatt	gtgcttgaga	tggtaaagtc	aatgtgggtg	96300
ggaatgctta	gtagcgagta	atcagtata	caagaccaa	gcccagggtc	aagacaagtc	96360
acagatacag	atcagggctt	tttcatctgc	tccacagagg	tgtaccctag	gagctgttgc	96420
aaacagtcca	tgtggagggt	gtgagtaaga	tgtttccctt	gaatttgcca	gaattacttt	96480
tttgttggtg	tttgtgtttt	ttctgagaca	gattctcgct	ctgttgccca	ggctggaggg	96540
cagtggcgag	atcgcgagc	tcactgcaac	ctctgcctct	cgggttcgag	tgattctcct	96600
gcctcagcct	cccaagtagc	tggtgattaca	ggcttggtgc	accaagccca	gctaatttct	96660
tttgtatttt	tagtagagat	gggttttcac	catgttggtc	agactggtct	cgaactcctg	96720
gcctcgtgat	ctgcctgcct	cagcctccaa	aagttctggg	attacaggcg	tgaaccactg	96780
cacccggtcc	cttggttaagt	ttattttggt	gggaagcaaa	ggaggtttca	gcttttataa	96840
agtttgaaaa	ttattgctct	ggtaataatt	aaagatttga	gagtaaata	gctttctagc	96900
agaaagaata	aaagaagaac	agatagcctc	aagaagggga	gccaaagaag	caggctatat	96960
ctgacacact	gggtgttgat	aaatgggtat	taaaagaatg	agagcaatga	gcagatagaa	97020
gaggaaatta	ggagagtata	ataccatgga	gaccaagaaa	gatagactat	caggaaggag	97080
tggtaaaaat	aagttactag	ttctaagaga	gatgttaaga	gggaccgggg	aaagccttgt	97140
acaaatgagt	tagtagcatt	ttacattata	tacatcta	taagaaacaa	tgcgagagtc	97200
tcaccattcc	tatagactct	tacttgtact	tgtctgaaca	cgaaaactgg	cttttgttta	97260
taaataagct	aaaaattatt	ttgctccaat	ttctcatgaa	aataaaaaata	aaccttcttt	97320
taacattgaa	aaaatagttt	gaagacagtc	actcttcatt	ttgtaattcc	cacaactatt	97380
attgaatgac	tgaaattatc	tttattctga	agccaaaggg	gtgatactga	tatttcttca	97440
gactactaaa	aataatattt	atgaattttt	agtgtgcttt	atcttttttt	gttttttttt	97500
ttgagatgga	gtttcactcc	cgttgctcag	gctggagggc	agtgggtgca	tctcagctca	97560
ctgcaacctt	cgcctcccag	attcaagcaa	ttctcctgcc	tcggtctccc	aagtagctgg	97620
gattacaggc	acctgcccc	acaccagct	aattttttgt	attttttagt	gagacagggt	97680
ttcaccatgt	tggtcaggct	ggtcttgaac	tcctgacctc	aggtgatcca	cccaccttgg	97740
cctcccaaag	tactgcgatt	gcaggcatga	gccaccatgc	ctggcctgag	gaatattttt	97800
ctaggttccc	cccaccccaa	gcattttatt	tgcaatttta	gttttggtcc	taaagcaagc	97860
aaggtttaag	gatttataaa	taatccgtat	tttagaatgc	tttctggctt	tgttactttt	97920
tatccacagt	agaagtcttc	agagaatgat	ctcctctttt	taatttaact	ttttggcaca	97980
gtatttttgag	aattataaat	aatattagaa	tgttttctgg	ctgggtgtgg	tggtctatgc	98040
ctgtaatcct	ggctacttgg	gaggctgagg	caggagaatc	acttgaacat	gggaggcaga	98100
ggttgcagtg	agccgaggtc	atgccactgc	actccagcct	gggtgacaga	gcaagactct	98160
gtctgggaaa	aaaaaaaaaa	aaaaaaagag	tgttttcttt	cctattttcc	accacttgat	98220
taagttactt	ttcctcttaa	gtattttttg	ctgagtatgc	tgacttaaga	gtaatgttac	98280
aaaatttaatt	tttttaaagtt	ctctgaaagc	ccctttatga	gagtttttagg	ctatcaaatt	98340
gtgttttaatt	cttaacaatt	ttttgaaaaa	ttatagcttc	aatatccgta	cattccccac	98400
aaaaaagcac	taaaaatcat	gccttgctgg	aggctgcagg	accaagtcat	gttgcaatca	98460
atgccatttc	tgccaacatg	gactcctttt	caagtagcag	gacagccaca	cttaagaagc	98520
agccaagcca	catggaggcc	gctcattttg	gtgacctggg	taagtaacta	tcatttttta	98580
ttaacttgta	ttagaaggat	ttgagtacaa	tatgtgaaac	ttctgtcata	ggatacagaa	98640
ctatataatt	ggaaagtgtc	ttggaaaaaa	tgtattttaa	ataacagcta	caagtataat	98700
gggtagctgt	gttggtgttc	tgtaaatata	gaatataaag	catgcccagt	agaaaaacaa	98760
gcatttccag	aagaaatata	tctgatcact	aaatataaat	atatgaaaaa	gatgtctcac	98820
tttattactg	agggaagtgc	aaattataat	aatcagttaa	tggttctcta	acacattagc	98880
atatttttta	aagtttgaca	atgtgaatgt	cagtgaagat	gcagggaat	acccttcta	98940
tttagtgata	atataatctg	gtgaagactc	tttggaagc	aatttggaag	tcagtataaa	99000
atatgcatgt	catttaggcc	actctttcta	agacctagcc	ctcagatatg	ctcattcata	99060
tgtgcagggt	tgtatgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtatatgta	tgtatgtatg	99120
tatgtatgta	tgtatgttga	aggctattca	ttatagtatt	gtttgtgata	gcaaaaaatt	99180
atggacaaca	tataaatatc	tgttataggg	aaataaccaa	attgtggtat	acgcatgctc	99240
tggtgcccag	tatagccatt	tgtttctatt	tattttattt	cttgagacag	ggttttactc	99300
gcacaagcca	gttgaggtgc	agtggatga	tcattggttc	ctgcagcctt	cacctcctgg	99360
acaccagat	ttctctcgcc	tcagcctcca	gagttactag	gactgcaggc	atgtgtcacc	99420
gtctcaaact	aattttttta	ttttttgtag	agacagggtc	tcactatgtt	gcctaagctg	99480
ccaacgtgaa	cctggcctca	agcaattctc	ccacacaggc	ctcccaaagt	gctgggatta	99540
gaaaatgtct	ccaccacacc	tggttcagtg	tagccattta	gaaatctaaa	aaagacgtgg	99600
ccgttatatt	aaggcatgtt	taaatgtgag	aaaagcaagt	cacagtatgc	atggtaaaat	99660
cagtatttct	aaaataagtt	cttccaaaac	aaaaacatat	gcaggagacc	tttattttgt	99720
aaaaaaagat	tacccaaatt	tctgcactta	gaaaattgca	tgtcatgttg	tcataagttg	99780
	ccatgaacca	atggacttct	aataaaatca	gtcctgcttt	tgacatctct	99840

ctctactttt	gtgtatat	aaaccagagt	gtcaatgtgt	ttgtggggca	cacttagcaa	99900
taatacatag	cagacaaaat	gcatatagct	cagagagtaa	aattgtaagt	tttgctagat	99960
cactcataaa	ttgctgatga	gaatttaaaa	tgggtgcagat	gctctggaaa	acaggcagtt	100020
tctttctttc	tttttttttt	tcttttttgag	acagggctctc	actctgttgc	gcaggctgga	100080
gtacagtggc	gtgattacaa	ctcactgcag	cctcaccctc	ctcagggttca	ggtgatcctc	100140
cctcagtctc	ctgagtagct	gggactatag	gcatgcacca	ccacgcctgg	ctaattttttg	100200
tatttttttt	tttttttttt	gtagagacgg	ggtttcgccca	tgtttcccag	gctgggtctca	100260
aactcctgga	atcaagcgat	ccacttgctg	aggcctccca	aagtgtctggg	attacggggcg	100320
tgagctactg	tgccctggcct	aggcagtttg	tttggtttgtt	tgtttgtttg	tttattttatt	100380
tgtagacgga	gtctcacagg	ctggagtgca	gtggcccaat	ttttggctca	ctgcaacctc	100440
cgctcccag	gttcaagcta	ttctcctgcc	tcagcctcct	gagtagctgg	gatgacaggt	100500
gcctgccata	atgcctggct	gattttttgta	tatttagtag	atatgggggtt	tcaccatgtt	100560
ggtcaggctg	gttttgaact	cctgacctca	ggtgatcagc	ccgcctcggc	ctcccaaagt	100620
gctgggatta	caggcatgag	ccgtcatccc	tggctgggtgg	tttcttatga	cgtgaaacat	100680
gcaattacca	tatgacctag	cagttgcact	ctgtattttat	cccagataaa	tgaaaactta	100740
ccttccaata	aaaacctgtg	cacaaatgtt	catagcagct	taatattgaa	aaactggatg	100800
ttcttcagca	ggtgaatgaa	ctggttcatt	cataccatgg	aataccattc	agcaataaaa	100860
aggaacaaac	tggtgataca	tttaaccacc	tggatgaata	tcaaggggaat	tatgctgtca	100920
gacaaaaacc	agtcctctaaa	gactacatat	agtatgattc	cgtttgggata	atattcttga	100980
aatagagaaa	ttaagagaaa	tgaaaagatt	agtgtttgcc	agatgttaga	gacagggagg	101040
tgagaggggt	aagtgggtgt	agttataaaa	gtgcaacatg	agggatcttt	gtgatgttga	101100
agttgtatct	tggcagtgga	tgcagaaatc	tcaatgtgat	aaaattacaa	agaactaaaa	101160
acaagaatga	gtatagataa	aactggggaa	atctgaacaa	gttagagtgt	tgtatcactg	101220
tcagtatctt	agagtgatat	tgtactatag	ctttgcaaga	tgttaccatg	ggagaaacta	101280
aagtgtacaa	gggatctcta	ggtattatta	ttttttttaga	gatgggggtt	cactatgttc	101340
cccaggccgg	tcttgaactc	ctgggctcta	gtgatccgcc	tgccccagcc	tcctaaagta	101400
ctggaattac	aggcgtgagc	gaccatgcct	ggccctttca	gtattgtatc	ttagaacttc	101460
atgtgaatct	agcattatct	catagaattt	aattaaaaga	aattgtaaac	ctcacagaag	101520
atcagaatct	cctcaagtct	gtgatgttga	caaagatgaa	ctagttgaca	ctgacagtaa	101580
gactgaggat	gaagacacga	cgtgcttcaa	aaaaatgatt	tgaatatcaa	tggattaaga	101640
agaactcttt	tgacaaattg	atgaaaccct	cagtcagttt	tataagaatg	cccatcttta	101700
tgatcatgct	atgaaagcca	attttttaaaa	aaattttttg	tctttccctaa	caattagctt	101760
gtgggtataa	tttaaattta	gttaaataata	agataaatga	tttttttatta	agtttagttt	101820
catttttcaa	ggtacgatct	caaagctact	ctttaaccta	ctatgaatga	ataatgctga	101880
gttcataaca	tctttgtaga	tatatccaca	attttccctc	aggataagtg	cctacaagtg	101940
gaattactgg	actgaaaata	atgcagtttg	ctaagacttt	gctatctgtt	cctgaatgct	102000
cctccaaaaa	ggttttgcca	gtttacatcc	tcattgaccag	cgaatgagag	tgttgccctat	102060
tttccctgtgc	ccttggttact	gcttaataat	ttttgaaaaa	aatctaattt	gacagacaaa	102120
aatgcatttt	atgttaattt	gcttttctgg	gattttttaat	gagggttgagt	atagtttttta	102180
atatttttat	tggccctctt	ggaactagta	tcataagttt	tttttcttaa	gaatttatgt	102240
agtctgggct	gggcgcagtg	gctcacgcct	gcaatcccag	cactttggga	ggccgagggtg	102300
ggtggatttg	cgaagggtcag	gagtttgaga	ccatcctgac	caacatgggtg	aaaccgaatc	102360
tctactaaaa	gtacaaaaac	tagctcagcg	tgggtggcggg	tgccctgtaat	cccagctact	102420
taggaggctg	agtcaagaga	atcgcttgaa	cccgggaggt	ggaggttggt	tgcatgtgagc	102480
cgagatcgcg	ccattgctct	ccagcctagg	caacaagagt	gaaaagtctc	aaaaaaaaaa	102540
aaaaaaaaaa	aaaaaagaat	ttacatggct	tgaattgccca	ttaaaagaga	tatgagaatt	102600
attgagtaac	aaataacttt	ttataaattt	aggcaagttt	tggacgattg	tactttgttt	102660
agaaaccaaa	agcatagtat	ttgtagtttt	tttattttact	ttagttgcta	ggaagtaaac	102720
tttattcaag	gtctctggta	ccagttgttg	ctaaaagtga	ttgactaatc	tgtcaatctg	102780
aaattatttg	ttgctgaact	gctaattctt	ttgcttctat	cttttaggca	gatcttgtct	102840
ggactaccag	actcaagaga	ccaaatcaag	ccttttctaag	acccttgaac	aagtcttgca	102900
cgacactatt	gtcctccctt	acttcattca	attcatggaa	cttcggcgaa	tggagcattt	102960
ggtgaaattt	tgggttagagg	ctgaaagttt	tcattcaaca	acttggtcgc	gaataagagc	103020
acacagtcta	aacacagtga	agcagagctc	actggctgag	cctgtctctc	catctaaaaa	103080
gcatgaaact	acagcgtctt	ttttaactga	ttctcttgat	aagagattgg	aggattctgg	103140
ctcagcacag	ttgtttatga	ctcattcaga	aggaattgac	ctgaataata	gaactaacag	103200
cactcagaat	cacttgctgc	tttcccagga	atgtgacagt	gcccatctct	tccgtcttga	103260
aatggccaga	gcaggaactc	accaagtttc	catggaaacc	caagaatctt	cctctacact	103320
tacagtagcc	agtagaaata	gtcccgcctt	tccactaaaa	gaattgtcag	gaaaactaat	103380
gaaaagtggg	tatgtgattt	tcttggtgtg	acatatgtgt	ctcactttct	tttttttaatt	103440
tactaagcag	aacttcagat	gaggaataaa	atgattggaa	tatttttttt	ctcctctaac	103500
tacttgtaaa	tttgggagaa	tttggagagt	gtagtagagt	cagatcagtg	tatggaaaag	103560
gagcaggagt	gactggacct	tctaagaagt	gtgttatcag	aattagtaaa	tgaaggggtca	103620
aatgtcctac	ttttccctct	cactgatttt	gacatcaaac	cattatccac	atagccttat	103680
ttcctccctc	ggtcttaatt	ttattaatat	tttactgcac	tttgcagata	aaatttttta	103740

aaaatttttta	aaaattgcca	ataagtgaca	tttattaagt	tcagtgccta	gtgtatatatt	103800
ggatttttatt	tattagtcac	aagacctttg	tgcaggtagt	aggcatgatt	atctttttttt	103860
ttttgagatg	gagtcttgct	ctgtcgccca	ggctggagtg	caatggcgcg	gtctcggctc	103920
actgcaacct	ccgggttcat	gccattctcc	tgcctcagcc	tcccaaatag	ctgggactac	103980
aggcgctgc	caccacaccc	ggctaatttt	tttgtatttt	tagtagagac	gggggtttcac	104040
catgttcgcc	aggatggtct	cgatctcctg	actttgtgat	ccgcctgcct	cggcctccca	104100
aagtgctggg	attacaggca	tgagccaccg	cgcccggact	gattatctta	tttacacatg	104160
agaaaaccag	ggcttagaaa	ggttaggtaa	cttcctctag	gttgtacagt	aaatgtggac	104220
ctagaagcat	tttgacaaga	gcacctgttt	ttttttcttc	tctattagtt	tagaaattat	104280
atactcttaa	ttatcacctg	ggattttgat	tagacagcct	tcatgttctt	tttcatctta	104340
aatgttcttt	gtgtcttaaa	gggctaagtg	atcttctcag	atcttttagt	tcactcattc	104400
tcagtgaact	aaaatgaggt	ctaactctgt	actgaatcaa	gttttcagca	tgttatttcc	104460
ttctctccct	cctccctcct	tccttccctc	aaccaggctc	ccgaggagct	gggattacag	104520
gcgcccgcga	ccactcctgg	ctaattttta	tatttttagta	gagacggggg	ttcaccatgt	104580
tggctcaggct	gatcttgaac	tcctgacctc	aagtgaccca	cctgcctcgg	cctcccaaag	104640
tgctgggatt	acaggcatga	atcaccacac	ctgacggcat	gttatttttca	tcgcaaagtt	104700
actgtaagct	gggagaagtg	gcacacactt	gtactcccag	ctactcagga	agcttaaggt	104760
gagaagattg	cttgagccca	ggagttttga	gaccaacctg	ggcaacacag	caagacccca	104820
gctcaaacaa	agaaaaaaag	ttattgaatt	ttttatttct	atggatcatt	ttttgtagtt	104880
tcttattcct	ttcacccctc	attcccactt	ttgatcccat	cttttattta	tttagtttta	104940
ttaaatgtat	atthgtctga	taattctgct	atctacagtt	ttttgtggac	ctgactcagc	105000
atthctttgt	ttcttcggat	tcagactggt	ggtggcttgt	gatttttagtg	atthtttgcc	105060
gtgaacatgt	ttcttggaact	tttgtctgtg	ggaattctct	gtgtactctg	tataaattaa	105120
gttacttcag	gtgtttttgca	ttttcttttg	ccatgcacct	ggggcctggg	tcactaccct	105180
tctggtacca	cttaaaactg	aattttttgtc	ttgggtgctc	gtactgatcc	tgtatgagta	105240
caggtttata	cttactgtag	aaatatgggtg	tttgattatg	gggtattgtc	ccagatgggtg	105300
ctggagtatt	aatatgctct	ctgttaaact	taatgtgttg	tccttgtaaa	actccaaaat	105360
tctgaattcc	agaatactac	tggccccaaa	tgtttaagat	aagggcactg	cctgtatttg	105420
tttctgcctc	ccactattht	ccttagttta	acacaaaactc	acctttttta	aaaacatttt	105480
gagagaattc	agtattggga	agagtthcta	acctgtttct	ggaaatggaa	gtccaaagtc	105540
tgthttctgta	atthgtttttt	ttttgagatg	gagthctcact	ctgtcaccca	ggctggagtg	105600
caatgacgta	ctctcagctc	actgcaacct	ccacctcccg	ggttcaagcg	atthctctgc	105660
ctcagccccc	tgagtagctg	ggattacagg	tgcccaccac	catgcctggc	tgatttttgt	105720
atthtttagaa	gagatggggg	ttcgccatgt	tggccaggct	ggtcttgaac	tcctgacttt	105780
gtgatctgcc	cacctcagcc	tcccaaagtg	ctaggattat	gtthctgtaa	ttgtaataca	105840
tttattgttt	ttagaaactg	tctttgcttt	agtggtaatt	ttcaataaaa	atagaaatag	105900
cagtggagtt	attaaaagag	cattagttac	atthttccct	ttthcattat	cttcaaatat	105960
tatatatagt	aagtttgacc	ttthtaaaat	gtatacttgt	atcagthtta	acacatacat	106020
agattcctgt	aactgtcacc	actataaggg	taaagaacag	ttagthcctt	cacctthgaa	106080
gtcaagcccc	acctctatcc	caacacttgg	caaccgctga	tctthctccg	tctcaatagc	106140
tttgccthtt	ctctthtttt	ttctthatttt	ttthttttgag	acagcgtctt	gctctgtcgc	106200
ccgagctgga	gtgcagtgag	gcaatctcgg	ctcactgcaa	cctccgcctc	ctgggttcaa	106260
gcagthctcc	tgcccttagcc	tccttagtag	ctgggattat	aggcacgcac	caccacaccc	106320
ggctgatttt	tttgtatttt	tagtagaaat	gggggtttcac	catgthggcc	aggctggtct	106380
caaactcttg	acctcaagtg	atccacctgc	ctcggcctcc	caaagtgtcg	ggattacagg	106440
cgtgagccac	tgtgcccaat	caggacttht	ttthtttaaa	tttacattca	acttgtcatt	106500
ttthttcttg	atggattgtg	ccttcagagt	cacacctaa	agccctthtg	ctaagcaaag	106560
gtcatgaaga	ttthctcata	tgthttcctt	taaaagtatt	gtggthggcc	aggtgccatg	106620
gcttatgcct	gtaatctcag	cactthtgaga	agctgaggtg	ggcagattac	gaggtcagga	106680
gatcgagacc	atcctgggta	atgcgggtgaa	accccatctc	tactaaaaat	acaaaaaaaa	106740
aaaaaaatta	gccgggctg	gtggcgggca	cctgtagtcc	cagctacttg	agaggttgag	106800
gcaggagaat	agtgtgaacc	cgggaggtgg	agcttgagct	gagccgagat	cgccgactg	106860
cactccagcc	tgggcaacac	agtgagactc	catctcaaaa	aaaaaaaaaa	agtattatgg	106920
ttttacactt	tacgtthtaga	tatatatctt	ttthgagtha	atgtcgtata	agtatgaggg	106980
ttacgtcaga	ttthttgttt	ttthgtttatt	tttacatatg	gatgtctagt	tgthcttaata	107040
ccattthgtg	aaaagacaac	ctthactcca	ttgaattgac	tttgtactth	tgccatattt	107100
gtctaggcct	gtthtttgac	tcctthttct	gtthcatgat	gtgtgtgtct	atthcctthgt	107160
taataaccaca	tgggtcttaat	tactgtatag	taagtcttaa	aattgggttaa	tgctggcctt	107220
ataaaacgaa	ttgggaagtt	tttattthtta	ctctthatttc	cattthcttag	aagagattgt	107280
gtagaattgg	tgtcattthct	tcctthagata	tttggttgaa	ttgggaagtg	atgccatctg	107340
ggcctagggt	ttthgtthttt	gtgtgtgaga	cagagtctca	ctctgtcac	ccaggttgga	107400
gtgcagtggt	gagatcttg	cttactgcaa	cctctgcctc	ccaggttcaa	gttatcctcc	107460
tgctcagcc	tcccaaatag	ctgggattac	aagcgtgtgc	caccatgccc	gactaattth	107520
tgtattthtta	atgcagacag	ggthttacca	tgthtagccaa	gctgggtctcg	aactthgtgac	107580
ctcaagtgat	tagccacact	tggcctccca	aagtgttagg	attatagatg	tgagccaccg	107640

tgccctggcag	gggcctaggg	ttttcttttt	cagagtattt	taaactatga	attcagatta	107700
tttaatatagat	ataggactat	ttaagttatc	tgtttcttct	tgagtgaatt	tttactgtag	107760
tttatggcct	ttgagtaatt	aattgtattg	aattgtcaaa	tttatgagcg	tgtaattatt	107820
tatagcattt	cgggtttgta	gtggatatccc	tctttttattc	ctggtgttgg	caattgtgtc	107880
ttgttttttct	ttgtcagatt	gtatagggat	ttatttagtct	tttcaaagaa	ctagcttttg	107940
ttttgatttt	tctgttggtt	tgttttcaat	tttattgatt	ttctgctctt	tattattttct	108000
tttctattat	ttctgcttgc	tttgggttta	ttttactctt	ttttttttct	ccaagttgct	108060
taaagtagaa	acttagattt	ctggtttgag	acctttcttt	tctaagataa	gcattttaata	108120
ctgtaaattt	ccttctaacc	actgcttttag	ttacaccccc	acaaattctg	gtatttttgaa	108180
ctgagcacaa	atgaaatgtt	ctaatttccc	ttgaatctta	ttctttttacc	aatgaattat	108240
ttagaaatat	gttattttagt	ttgcaagcaa	ttggagactt	ttttcctgtt	atttttctac	108300
catttatttc	tcatttcatt	atattatggt	cagagaatat	attttgaatg	atttcattta	108360
tttaattttta	aaaataacat	taaaaaattt	tttaaaatgt	gaatatacca	catacagtat	108420
aaagattgta	cattctgttt	ttggacagtt	ttctataaat	gtcaagttga	tttagttggt	108480
taatgatggt	gttcagtttt	tctttattct	tgctgatact	ttgtatgcag	ttatatcact	108540
ttattactca	gaagagtgtt	gaactttcca	actacaattt	ttttttccaa	ttttactttc	108600
agctctatct	ggttttgctt	catgtatttt	gaggctctgt	tgtaggtgt	gtacacattc	108660
aggatgatat	cttctgggtg	aattgcctgt	tttatcatta	tgtaattccc	tctttatggt	108720
aattttcctt	gttctaagat	cagaaatatc	tgttgtccaa	tttatataga	cactgcagct	108780
ttcatttgat	tagtgcttgc	atggcatatc	tttttccatt	tttttacttt	tgatctacct	108840
ttataattct	atttaaaggg	ggcttcttgt	aggcagcata	tagttgggta	gtgttattta	108900
tttattttatt	tattttattta	tttattttatt	tattgagaca	gagttttgct	cttgttgccc	108960
aagctggagt	gcagtgggtgc	aatcctggct	taccacaacc	tccacctcct	gggttgccagt	109020
gattctcctg	cctcagcctc	ccaagtagct	gggattacag	gcacgcgcac	catgcctggc	109080
tgatttttttg	tattttttagt	agaaacggat	tttcaccatg	ttagccaggc	tcgtcttgaa	109140
ctcctgacct	caggtgatcc	acctgctttg	gcctcccaaa	gtgctgggat	tacaggcgtg	109200
agccactgca	cccggctgag	tcatgttatt	tttaatcttt	tctcacaata	caggggtttt	109260
gttggtaaat	tttaattattt	taatataaat	tttagtataa	ttattttacat	taaatgtaac	109320
tgttgcactg	gggtattttat	aatgtgtaaa	tataattatt	ggtatttaata	taattatatt	109380
actcataata	atattaatat	ctttggattt	agattaccag	tttagtatat	gtttttctgt	109440
ttctccctct	ttgatttccc	cttttttgct	tttttttttt	ttttaattct	tatttttttt	109500
tagtattttgt	tgatcattct	tgggtgtttc	ttggagaggg	ggattttggca	gggtcatagg	109560
acaatagttg	agggaaaggtc	agcagataaa	catgtgaaca	aggtctctgg	ttttcctaga	109620
cagaggaccc	tgcggccttc	tgcatgtttt	gtgtccctgg	gtacttgaga	ttagggagtg	109680
gtgatgactc	ttaacgagca	tgctgccttc	aagcatctgt	ttacaaaagc	acatcttgca	109740
ccacccttaa	tccattttaac	cctgagtggg	aatagcacat	gtttcagaga	gcaggggggt	109800
gggggtaagg	ttatagatta	acagcatccc	aaggcagaag	aatttttctt	agtacagaac	109860
aaaatggagt	ctcccatgtc	tacttctttc	tacacagaca	cagtaacaat	ctgatctctc	109920
tttctttttcc	ccacattttcc	cccttttcta	ttcgacaaaa	ctgccatcgt	catcatggcc	109980
cgttctcaat	gagctgttgg	gtacacctcc	cagacggggg	ggcagctggg	cagagggggt	110040
cctcacttcc	cagatggggc	agccggggcag	aggcgccccc	cacctcccag	acgggggcagt	110100
ggccggggcgg	aggcgccccc	cacctccctc	ccggatgggg	cggctggccg	ggcggggggt	110160
gacccccac	ctccctcccg	gacggggcgg	ctggccgggg	gggggctgac	cccccacctc	110220
cctcccagat	ggggcggtcg	gccggggcggg	ggctgcccc	cacctccctc	ccggacgggg	110280
cggctgccgg	gctgaggggc	tctcacttcc	gcagaccggg	cggctgccgg	gcggaggggc	110340
tctcacttcc	tcagacgggg	cggccgggca	gagacgctcc	tcacctccca	gatgggggtg	110400
cggctcgggca	gagacactcc	tcagtccccca	gacgggggtcg	cggccgggca	gaggcgctcc	110460
tcccatccca	gacggggcgg	cggggcagag	gtgggtcccca	catctcagac	gatggggctgc	110520
cgggcagaga	cactcctcac	ttcctagacg	ggatggcagc	cgggaagagg	tgctcctcac	110580
ttcccagacg	gggcggccgg	tcagaggggc	tcctcacatc	ccagacgatg	ggcggctagg	110640
cagagacgct	cctcacttcc	cggacggggg	ggcggccggg	cagaggctgc	aatctcggca	110700
ctttggggagg	ccaaggcagg	cggctgggaa	gtggaggttg	tagggagctg	agatcacgcc	110760
actgcactcc	agcctgggca	acattgagca	ttgagtgagc	gagactccgt	ctgcaatcct	110820
ggcacctcgg	gaggccgagg	caggcagatc	actcgcggtc	aggagctgga	gaccagcccg	110880
gccaacacag	cgaaaccccg	tctccaccaa	aaaatgcaaa	aaccagttag	gtgtggcggc	110940
gtgcgcctgc	aatcccaggc	actctgcagg	ctgaggcagg	agaatcaggc	agggaggttg	111000
cagtgagccg	agatggcggc	agtacagtcc	agcctcggct	ttcacaaact	tggtggcatc	111060
agagggagac	cggggagagg	gagagggaga	cagagggagag	cccttttttt	gctttctttt	111120
ggattatttg	aattttttcct	taaattttatt	tatcttactt	atttattttat	ttttttgagt	111180
gattctcctg	ccacagctcc	caagttagctg	ggactgcagg	catgtgccac	tacacccagc	111240
taattttttt	gtattttttag	tagagacagg	gtttcaccat	attggccagg	ctggtcttga	111300
actcttgacc	tcaagtgatc	cacctgcctc	ggcctcccaa	agtgtctggga	ttacaggcgt	111360
gagccaccat	gccctgcctt	tttctagaat	ttatatattg	agttcttgat	tgtatctttt	111420
tatgtaggct	ttttagtggc	ttctctagga	attacaatat	acatactttt	cacagtgtac	111480
tcacatttaa	tattttgtaa	cttcaagtgg	aatgtagaaa	acttaaccac	cataaaaata	111540

gaactagggga	tgagggttaaa	aaagagagag	aaaagaaatg	taataaagat	ttaataaacac	111600
cgtttttttt	ttttttttct	tttttttttt	gagacagagt	ctctctttct	gttaccaggc	111660
tggagtgcag	tggcgtgatc	ttggctcact	gcaacctccg	cctcctgggt	tcaagtgttt	111720
ctcctgcctc	agcctactga	gtagctggga	ttacagggtg	gcgccaccat	gcccagctaa	111780
tttttgtatt	tttagtagag	acggtttcac	tgtgttggcc	aggatgggtc	cgattttctg	111840
accttgtgat	tcgctctcct	cagcctccca	aagtgcctgg	attacaggcg	tgagccaccg	111900
cgcccggtta	agtctttaaa	tatttttttg	acattgcact	ttttctcttt	tccttctagg	111960
attttagtaa	cccaaagtgt	agttttgtta	ttgtttggca	ggttcctgag	gctttcctta	112020
cttctttaaa	tttttttttc	ctgttggtca	gcttcgaaaa	tttctattca	tctgtcttca	112080
aattcactgg	ttctttcccg	ttattttccat	tctgttattg	agtctttgta	gtgaatttta	112140
aattttgttt	attatgtttt	ttagttctaa	aattttcttt	ttttgtgtat	gtcttatact	112200
ttgctcctga	aactcttatt	tgtttcagga	gtgatcttat	ttcttagagc	atggtttttag	112260
tagctactta	aaatttggtt	tatcatccca	gcataatgtg	cctcttgatt	gtcttttctc	112320
ttgtgagata	atgggatttt	ctggttcttt	atatgacaat	taattttgga	ttgtatcttg	112380
gacagtttga	cttacgttac	atgattctga	atcttgttta	aatcctgtgg	aaaatatattga	112440
agtttttgc	ttaacaagca	gttgacctag	ttaggttcag	tccacaaatt	ctaagcagca	112500
ttctgtcggc	tctggttcca	tcatacagtt	agttttgtat	cttatctgct	tatgtgcctt	112560
tctgtgtcca	gtctgggacc	tggccaatgg	tcagggtccca	aagcctttgt	acacttttag	112620
aagcaggggc	atgcacaccc	agctcacgag	tggccccggg	agtgcacata	caactcgacg	112680
ttttcatggg	ctccttcttt	tctgtgatgt	ccctgacacg	ttctgccttc	taagaacctc	112740
cctttatccc	tttctgtgtg	tctggctaga	aagtcagggc	tttagattcc	ctatacttca	112800
gcacacttcc	tgtagctatg	tcaacctctg	tggccacgac	ttcttcttct	tgggactgca	112860
gtttctcttg	tcagaaagta	ggattcttgg	agctgctgtc	attgctgctg	tggctgctct	112920
gatgctgcct	gggagtcgaa	ggagagaaag	gaacaaaaca	aaacaaccca	ggggattttcc	112980
tccactctct	ttgatccgtg	agagccccct	ttcctgttcc	tcagaccaga	aatagagggc	113040
ctgtcttgga	acttcttctt	tgtgcactct	gtgtgcagtt	tcagcttttg	agtccaggcc	113100
aggaggtgct	ggacaaaact	gtcaggagta	cggagggtact	gcaagtctct	attacttttc	113160
tcagtccacc	tgcttccaag	tccttggatg	catttgtcca	ttgttttgag	ttgcattcca	113220
tgggagagac	agaagagtgt	gcttatttca	tcttgacata	cttattagga	tttcatatca	113280
aatcaacgga	tgatattctc	tatattaatt	tgtgttttct	cctttagcaa	gcacattagg	113340
aaaataaacac	tttaaacaccc	gcctttgggt	gtttctgtca	taattattaa	tacttgactt	113400
tttttttttt	tttgagacgg	agtctcactc	tgtcctttga	ggcattgtcc	ccataaactt	113460
ttggtaaagc	atcaataatt	ttatctttca	tccacacaag	cttcaccata	aatttgatgt	113520
ttattcttcc	atttttagcag	aattcatggt	gctccaatag	gggctgtctt	caaactgatg	113580
ttttctcctt	cttagtgctt	cagagtagat	cctgttcaga	tacgttataa	cagggttaata	113640
tgagtttatt	ttgggtgtaa	agtactttga	aattcatgca	tagttttttc	atcatatgca	113700
ttttccatag	ctttgaacac	ccccatgtaa	ctctcctctt	ccacaaacca	aacaatgaaa	113760
aagcaccttt	gtgatggaag	tttattttgc	aataggaact	cacagtgatc	taagccctgc	113820
tattcatgaa	tataattcat	tactggagtc	caagttgctt	tttggttttt	gaagttctct	113880
tcttcccttg	caggtataga	acaagatgca	gtgaataact	ttaccaaaata	tatatctcca	113940
gatgctgcta	aaccaatacc	aattacagaa	gcaatgagaa	atgacatcat	aggtaagcag	114000
tgcttgaaac	tatggcaaaa	aaaaaatgac	aaaaaatgca	cagaactgac	aattttcgtt	114060
attgactaag	ataatttttt	cttaacatgg	aattttagcag	ttcccttcct	aattttgttt	114120
ctgagtattt	tttatatcgg	attatagctc	actttaaaag	tttctcggct	gcattcgggtg	114180
cgaggggtct	tgcttggggc	agatgggctg	cagtgtagcg	gggtgctcagg	cctgcccgcct	114240
gctgagcagc	cggggccggcg	ggcggctacg	ctaaccggca	cagaccaccg	gatggactgg	114300
ccggcagccc	cgcaccagtg	cacgaagtgg	gcgggacaga	aacttctggg	gttggaagtc	114360
cagtgaggct	aaaagccggt	accaaagtct	ctaggcatca	gggctgcagc	ccaagagtct	114420
cacgaccagt	gggcaactgg	atggccagac	aggtgtctca	gtgggtggcct	ctccgtctca	114480
gggcttcatc	ccacttctca	gtgggcctga	cgtccctggg	caccctggat	gtctacctgc	114540
attagccaga	gccatcacat	ggcctgtgac	ttgccttttt	ttgccagttg	attgtgccac	114600
acacagtgtc	atttctgtgt	catttggcac	agctggaggt	gcaaggagga	gggcagcctc	114660
atgtccagtc	ccagtttccac	gtaactttat	tcttctgaat	aaagacaatt	tgctaacctt	114720
aaaaaaaaaa	aaaaaaaaaa	agtttttctt	atatgttggg	cccaaattct	taggctttta	114780
cctgaataac	aatgacagca	agatcaataa	atagtacaca	tttattaaac	actcactgtg	114840
tcccagacaa	tattccaagc	actttttatg	gatagactca	ttttaacttc	taaagaactt	114900
tgtgggataa	atacagttat	tttatagatg	aagaaactga	agcacagaga	agttaagtgc	114960
tttgtccagg	gtaacagctc	agatatggca	gagtcaggat	ttgaaactag	accctcacat	115020
accttaactg	ctgtgctgtg	gcagtgtttt	tcatactgta	ggttggggacc	agccttctct	115080
tatgccctca	ccccctgcc	aaaaaaaaaa	aaaaaaaaaa	aaatatatat	atatatatat	115140
atatatatat	atatatatat	aatatatata	tatatataat	atatatatat	ataaaatata	115200
tgtattagta	tatatgcata	tatagtatat	attatatatt	agtatatata	ctaatatata	115260
atatacatat	tagtgtgtgt	atatatatat	atactagaat	aaaaaaatca	aagtatctca	115320
gagtagtaag	gacaaacatt	tcagaaaaat	gttttctatta	tatatacatg	tatgtatgtg	115380
tatgctgatt	caacaaatat	atttcttata	ggttatagca	aaatagtttg	aaagctttta	115440

ctgtgtttta	tcaggaagac	cttaggtgaa	cgtatatcca	cagataaaaag	aggttatttta	115500
ttcattcaat	aaatattaca	ttctcataag	tcctaataatt	atgtatttttt	attcttcaaa	115560
aaagttagta	tttgtgattt	atgaaataag	acatgttctt	gcacttttag	cagatctgtc	115620
ccgatgttg	gcttctttaa	tccttagtgt	gggtgctttg	cactcactca	ctgctgggga	115680
cagcaagacc	cctgttagtc	tcagctgtgt	ttcttaaatt	ggcccactgt	accttccagt	115740
tagctattct	ggggtccatg	tcatgttggc	tccattttcc	ttttctttct	cccacacaga	115800
tacctataac	ggctataaca	taggcctggg	ggctgttggg	ggcttatccc	tatctgcttg	115860
tatttaaggg	gtactgtttc	actgagtttt	gctgacagat	gttgtcatga	gatttgaggt	115920
tttctgtgtt	gttgctctat	ttttatgtgg	gaatttgcta	ctatcatcat	ccctagacca	115980
gcttttccta	gtaatacaac	agggatgttc	tgactgatta	gagtttgctt	gtttgaagaa	116040
ttgggtgggt	agtgtttttt	ttttgagggg	agtctgtacc	agttaatagc	ctgactggcg	116100
tgtggataaa	aaggaagcag	tttcaagtca	aataaaaacac	ttaaaatgaa	accacactgc	116160
aactctcttt	cttttactta	agcttaatat	aattaatgat	gatgtaatcc	catgaaggaa	116220
aagtcttctg	aaggatcaag	ttgataacat	tttgtgatca	aagaatttga	gaaaacctct	116280
atcccagtg	ctatcattat	atatttttagg	atgttaatta	cctgtgtggc	tttaggcaag	116340
tcatttttcc	tccttgagcc	ccattcttaa	tcctgtccaa	attatttgct	tcctcttgca	116400
gttggaactat	tttaatatag	ctgtccttca	agttagtctt	gttcaaagga	gccttcactt	116460
tagctcttac	tgtgtaccca	ctttgcatag	tcttgtttta	aatgtaatcc	ttggattttt	116520
gggtgtgcta	actaattact	gtttttatgt	gaggatttag	agtgatccag	aatctatact	116580
tgcactacct	ccttcatctt	ccacaaatgt	ttgaagtggg	agaattttta	aaaactttga	116640
aggtagacgt	gacagaattt	gctgatgggt	tgggaagtga	tggtagatga	gggaaaaaaa	116700
ggaataaagc	atgactgcat	tttttggttg	tttgttttgt	tgtttttgag	acggagtctc	116760
actctcgcca	ggctggagtg	cagtggcggt	atcttggtct	acggcaacct	ccgcctcctg	116820
gggttcaagcg	attcccctgc	ctcagcctcc	caagtagctg	ggactacagg	cgctcgccac	116880
cacgcctggc	taattttttt	ttttgtatct	tagtagaaac	ggggtttcac	cgtgttggcc	116940
aggatgggtct	ccatctcctg	acctcatgat	ctactcacct	tggcctccca	aagtgtctgag	117000
gttacaggca	tatatataag	catataaagt	gtgttatagc	atacaaacag	gtatatatat	117060
aaacatgcag	tccacacagc	tgataggaat	gaggcagtag	tgaaggagaa	gttgatgtag	117120
gagagggggac	agttgttaca	ggaaagaagt	ctggaggcag	aagggatgaa	ttccagtgtc	117180
cacatagaag	attgcttaga	tgggagcaag	gacaatttat	ctagagtcac	aggaaagaat	117240
gcagtacacg	ggtagagatg	cagggtgagtt	gaaagatgtg	agagatgatg	gaaataattt	117300
tctgattgct	tctatatctt	caaggaagca	ggaagcaaag	tcctcagcaa	agagaataga	117360
agaggtgtta	aatatttgag	aaaggagatg	tactgtagaa	aaaaaaaaaa	ctcagtttct	117420
ccttctgaac	tctcacaaaa	cagaaccctt	ccatgactct	agtgtgtgtg	ggttttttcc	117480
ctgtcagcta	ccaattctgc	agatgattgt	tcagtgaaca	ccaactgggt	gtcctctaag	117540
tcagttcagt	tctcacactg	tttacctgga	gatagcatca	gatcccacag	attgaggact	117600
ctgtcccaca	agactgcctc	cacttcagat	gccagtctca	agtacaagtt	gtggcctgtg	117660
cttctgactg	accttctata	aattggagtt	cccacagtcc	cctccttggg	ttcaataaat	117720
ttgctagagc	agctctcaga	actcagggaa	atgctttaca	tatatattacc	catttattat	117780
aaaggatatt	acaaaggata	cagattgaac	aggcagatgg	aagagatgca	tgggcaagggt	117840
atgggagagg	ggcacagagc	ttccatgcac	tctccagggt	atgccaccct	ccaagaacct	117900
ctacagatct	agctattcag	aagccccctt	ccccattctg	tccttttggg	ttttttgtgg	117960
agacttcatt	atataggcat	gattgatcat	tggctattgg	tgatcagctc	aaccttcagc	118020
cccctcatcc	cgggaggttg	gtgggtaggg	ctgaaagtcc	caaacgtgta	attctgcctt	118080
gggtcttctg	gtgattagcc	ctcatcctaa	agctctttag	aggccacagc	cacaagtcac	118140
ctcattagcc	ttcaaaaagaa	tccagagatt	ccatgaattt	taggcgctgt	atgctaagaa	118200
actggctaaa	ggccagttgc	aatgtctcag	gcctgtaatc	ccagcacttt	gggaggctga	118260
ggcaggagga	tcgttttcagg	ccatgagatc	aaaaccagcc	tgggtcaacat	agtgagacct	118320
ccttacaaaa	aatttaaaaa	ttggccaggc	gtaatagctc	ttgtctgtag	tctcagctac	118380
tcagaaggct	gaggatcact	gagccctgga	gttgaaggca	gcagtgagcc	atgatcgtgc	118440
cactgactcc	ggcttgggtg	acaaagttag	accttgtctc	agaagaaaaa	ggaaaaaaa	118500
aaaactgggc	aaagactaaa	taacatatct	cacagtatca	cagatttgta	ttgtctagga	118560
aagtgaatgt	aaacagacca	ggacactagt	atgatccctt	ggtttcatga	aggcccact	118620
aaagtcatga	acacaaagtg	agactaggca	tcatgttata	tggtttttcc	agccatgttt	118680
aacagctagc	taaatagcta	attgtttcgc	tgcagtttat	tttagcagtt	ccttattttta	118740
gcacatttca	tgttttataa	tttctaccaa	taacattttta	ataaactttt	ttacagataa	118800
cttcacaaat	ccataatttt	ttaagttaca	atcccagaaa	tagaattgct	cattgaaagg	118860
gtatgttcat	ttttaaagtt	atgctagaaa	ctgccaaatt	gccttcagaa	aaagggtgtt	118920
gtatccccac	taacactagt	gttagttttc	ttgtgcctt	gctcaagtat	acataattat	118980
aaaaacaatg	ttgggcccagt	ttactagata	aaagggtgtg	tgcctcctta	ttctaatacta	119040
tttgattact	agttagtatg	tatgtctttt	cacgttggtc	attttatgtt	tgttcctttg	119100
tggattgtca	tgtcctttgc	tcatttttct	tttggaaacat	ttcttagtag	tttataagag	119160
ctcttggtat	tttaaatgata	gtaacctttt	aactgtcatg	catgctgcaa	atcttttttc	119220
tgtttgtttg	cctttgtatt	ttgtttttgg	agggtttcta	tgtataggaa	ttaaattttta	119280
tgttgttaaa	tcttttgatt	tctgcttttg	catatgtact	tcaaaagact	ttctattttta	119340

agatcaagtg	ttacctgtat	tttcttttag	ttctatttaa	aacctcttaa	tttatatgcc	119400
tgtgctgtta	actcccaagt	tgattcacaa	gtgtgtatac	atagtttgaa	tttagtggca	119460
atttaattat	ttacaacttc	ttttgcagca	aggatttggt	gagaagatgg	acaggtggat	119520
cccaactggt	tcgttttggc	acagtcacata	gtcttttagtg	caatggagca	agagtaagtt	119580
agttcatatt	ttcacattgt	gcacccctagg	gaattttgggt	tcattgttag	gaatgggctt	119640
cactcagcta	aaaacaaagt	attttttgaga	atttaaatat	tttgatatt	tacaagatca	119700
tataaagcat	actctatctt	ggttaacagt	ttctttttaa	tataaattat	gtgaactctt	119760
aaaattttca	ttttcatttt	caatgttaat	atttcctaag	ttaaaataat	ttgttttttag	119820
ttctgaaata	atttggggag	tgattgagtc	tgtagtgtt	atgactatta	gaattgggtt	119880
atttatattaa	ataatgcatg	tcttcagatg	gctctcctaa	tttgtttagtt	aggctttaag	119940
ctaaatggat	gctatataac	taaatccaca	tagatttggt	gaaatggctc	cagaggtttt	120000
ttagattttat	tactgctatg	tgccctttaa	aaaaatctat	tcattctttc	acttaacatt	120060
tatcagaaga	gtgctctgtg	taagacgtgg	ttaggcatag	tgccagtctt	gaaggaagtt	120120
acagcctaata	aaaagacata	gggcatgttg	tttggttact	gtaatatgaa	gtggcatgtg	120180
ttaaatgtca	ggggagaact	acaaagtcat	aaaaaggtgg	gagagattac	atacaggtaa	120240
aggaatcagg	aatgacacca	tggggagtaa	ggtagtggtg	acctaggcct	ttaagataca	120300
atagggacag	tatggaaaga	gtatattttt	cccacttaaa	ctctttcctt	ggtcgttccc	120360
tcaaattttc	ccttttgtcc	atgtgcaggg	acttttagtg	gtttctgcga	agtcaccatt	120420
tctgtaaata	ccagattgaa	gtgctgacca	gtggaactgt	ttacctggct	gacattctct	120480
tctgtgagtc	agccctcttt	tatttctctg	aggtaaagtc	tgcatttctt	ttcacactct	120540
attcgagcat	tccagcctct	aactatcaat	gctggggccc	tgtctatagg	aaataacaca	120600
gaagagccaa	gtcattttcca	aaaagatgta	tcattgtttc	aagttgtttc	tgatggcaag	120660
agtaatttaa	taatataatta	gagagaacat	gaaaattcaa	tgtattaaat	aactctaatt	120720
ttgagaaacc	taattaaact	actgcatgta	agagagtgc	tgtttttaat	tatttggagc	120780
tatttttaaaa	ccacagaatt	tgaaacttgc	ttccagtgca	taaattgcag	accagacttc	120840
agaagagaaa	aaaagtagta	aattttttct	tatgctcatc	atttttactt	tagtcacttg	120900
ataggattgc	ccagtgaaga	agcatttgca	acagacaatg	agtatattaa	tctttttgag	120960
gcatacagtt	tagtataatg	ctctttgtta	ggcttcaaca	agtgaattaa	ttttgttgga	121020
aagcaaataga	ctattaagta	gaaagaggat	tcccagttct	acaaagcagt	aatttagaca	121080
ctcgattctg	cctctttaca	agaatacagg	tactcagttg	atttgttttc	tcactccctt	121140
tctttgctat	aagtttaaat	caacaatttg	tttaggttaa	tatgtcctca	tggaatgggtg	121200
gaaatgatca	gatataaaat	atttgggttg	gttagtttac	tctttatatg	tttgctggca	121260
aggaaccaca	aatccagttt	agtataattt	ttactctagt	tcactaaaag	tttgcattcca	121320
gctgtgtagg	tagtgtttgt	ttcttgttaa	cttttttttc	gtctaaaaga	atactttaaa	121380
acttttcaat	ctcaaataac	tgtaacttgc	tgacaggtgt	taacagaaga	agtagatctt	121440
tttgtttttt	gcttatgacc	tgtattttaa	tatttgagct	tatagattag	agattgtgag	121500
agaaatctgt	ttatagtctt	attttccctt	gtgtattttt	tcttcctagt	acatggaaaa	121560
agaggatgca	gtgaatatct	tacaattctg	gttggcagca	gataacttec	agtcctcagct	121620
tgctgccaaa	aaggggccaat	atgatggaca	ggaggcacag	aatgatgcca	tgattttata	121680
tgacaagtga	gttatattga	tagatggatt	cagcagatac	ttattgaaca	tttgatatgt	121740
tttgtggaaa	taaagatgaa	taaactcagt	ctctgtttgt	aaggagctca	caggaggcag	121800
cataaaaagct	gcttttatat	gggtgtttgta	aagctttggg	ggttcttaga	acaaaagttt	121860
ctgctgggaa	aggggaggtg	tatgtggggg	aaacaggatg	gcaatggtgg	tgttcaagga	121920
gtgtttccca	gaagagagat	tttgtttgga	tcccaaagaa	agaagggaat	tttgctaccc	121980
agagaaggca	gaaaacaaca	ttctaggcaa	aggcattggc	ccagaagcca	tggaacgta	122040
ggggaaagtg	gcactttcaa	gaaacttgag	tttagataat	caaaggagtg	gggaataaat	122100
atgaggatgc	tggtactaat	tggaatagat	tgtaagggtg	cttgaatgcc	tatttatggg	122160
tatattatac	tttctgtata	aatctgctca	ggcacgttgt	taattagttt	tttattagtt	122220
ttcactgaaa	atgagaggat	ggaaacatca	tacagttaa	aaaattgaaa	atatctgggtc	122280
aggcagatga	tgagcttgtg	gccagctctg	taacgtatgg	tattcttttc	atttaacttt	122340
tcttactctg	taaaaaaagt	aattcgtggg	cgggcacggg	ggctcactcc	tgtaatcaca	122400
acactttgag	aggcagaggc	aggtgaatcg	cttgagccca	ggaatttgag	accagcctgg	122460
gcaacatggc	aaaacccgcc	tttactaaaa	atacaaaaat	tagctgagcg	tgatggcgtg	122520
cgcctgttgt	cctagctact	taggggcctg	aggcagaagg	atcacctgag	ccttggggagg	122580
tcgaggctgc	agtgagctgt	gatccactgt	actccaccct	gggcagggca	gtagagttag	122640
accctgtctc	caaaaaaaaa	aaaaacaaca	aaggtaattt	gttatattgta	tccttaagca	122700
aatgctaaag	gggttaacttg	gggatagaga	aaagtccaca	gatgttaggg	tttgaagaca	122760
ctaatagtat	ctaggccagt	gggttcctgaa	cattagtctg	tgggctcttg	ctgggctgtc	122820
tgcataggaa	tcacctgaga	gcttattaaa	aatagggttt	caggctgggt	gcgggtggctc	122880
acgcctataa	tcccagcact	ttgggagggt	gaggcaggcg	gattacttga	ggtcaggcgt	122940
tcaagaccag	cctggccaac	atggtaaaac	cccgtctcta	ctaaaaatac	aagaatttagc	123000
caggcatgat	ggcacacacc	tgtaatccca	gctactcagg	aggctgagga	aggagaattg	123060
ctcgagcccg	ggaggtggag	gttgagctga	gcggagatca	tgccactgca	ctccaggctg	123120
gctgacagag	ggagactctg	tctcagaaaa	aaaaaaaaaa	atagggtttt	agtcgtgggt	123180
ccggtgggtc	acacctgtaa	tcccagcact	ttgggaggcc	aaggcaggca	gatcacttga	123240



ggtcaggagt	ttgagaactg	cctggccaac	atagtgaaac	cttgtctcta	ctagaaacta	123300
caaaaaatta	actgggcatt	ttgacgggtg	cctataatcc	cagctactag	ggaggctgag	123360
gcaggagaat	tgcttgaacc	cgaggaggcag	aggactgcat	ctcaaaaaaa	aaaaaaaaaa	123420
aaagggtttcc	agtccccctg	tctcagaaat	tctgattctg	cagggtttgag	gtgtgaccag	123480
gaatcctttat	ttttagaaga	cataccagat	aattctgata	aatagccagt	ttagggatgt	123540
agtctaatttt	tcctattttg	caagtaagga	aaataaggcc	cagagaggta	atgattttct	123600
caaagtcaca	gaacaagtta	gtggcagaat	ttggactgga	atgcagttct	taatgttctg	123660
tccagtgttt	attctgggtac	agtatgtttg	tagaagggtat	tacgtaagaa	acattgttat	123720
atagatgttg	agataggaag	agtttacatt	tagaaatttg	gtctaaaatg	cctgaacatt	123780
caagtcgtgg	aggagtattg	accaacttac	tcaatacaac	ataggagatt	cacattttgt	123840
tacaaaaatg	ctgattttaa	aggagagttt	tctttttttt	cttctttttt	attttttgag	123900
atggagtctt	gctctgtcac	ccaggctaga	gtgcagtgc	acgatctcag	ctcactgcaa	123960
cctccacctc	ctgggttcaa	gcggttctcc	tgccctcagcc	tcctgagtag	ctgggattac	124020
aggtgggggc	caccacgccc	agctaatttt	tgtattttta	gtagagacag	ggtttcacca	124080
tggtggccag	gccggtcttg	aactcctgac	ctcaagtgat	ccaccacca	ctgcctccca	124140
aagtgtctggg	attataggcg	tgagccactg	tgcccagcct	gcttggtttt	gtatcatata	124200
tatgcatcat	cataatcatg	cattatcaac	ctttgtattt	ctgtcaggac	atagaaacca	124260
ttagagtgtc	tggaagagag	cctttttttt	ttctctcgcat	ttaatgcttt	ttttggtatt	124320
catttcataa	tcagcttacc	aaaacattac	ctgcattata	ccccatcaag	gtagaaatct	124380
ttgtgttatc	aatattgggt	actccctttc	cacaccgagt	catcagtaag	tcctgttcta	124440
tccaaatagg	tcatatgcat	ctagctcacc	cctcagtgtc	gttttggttt	gaatttgtac	124500
atgtttactc	ctgatgcctt	gtagttatga	tgatgtgttc	ttattttatt	ctgtgcatac	124560
aagttctcag	ctcgcttttt	agggaaaatg	accatgtctt	cctttcctat	aaattccttt	124620
ctatctatca	agtcctcaac	agagaatagg	taccataaaa	tatgtgattg	ttagtttctt	124680
tgccctcagtt	gtagtctgat	ccttacagct	tttaaacaac	agtagagttc	accgtcaaga	124740
actaaggatg	gttggcaggg	agatagaaag	gtagcaagtt	gacccaacta	tctctgggga	124800
agtgggaaca	aagaaagggt	acatcagcac	tgctatcaca	tagctctata	gttctaggcc	124860
tgagggtctca	atcaagtagc	cttgtataag	attctctgga	ggagggtgctg	aaagttgctt	124920
atacttgcta	tggaatttga	ttttacttcg	gatattcttt	taccataggt	acttctccct	124980
ccaagccaca	catcctcttg	gatttgatga	tggtgtacga	ttagaaattg	aatccaatat	125040
ctgcagggaa	ggtgggccac	tccccaactg	tttcacaact	ccattacgtc	aggcctggac	125100
aaccatggag	aaggtaaccc	agaacttcaa	acgtatcaaa	ctacaagaag	ttttattggt	125160
agaactcata	aaatataagg	tgggaaaacc	aagcagaata	gcacagtggg	aattgaagca	125220
gtccagcaaa	gtgattaaga	gcagaggcct	tgagtctggc	ctgggtatgta	cagtcacgtg	125280
ccacataaca	ttttagtcaa	cagtggactg	cgtgtacgat	ggtcctgtac	gattataatg	125340
gatcaaagct	ggtagtgcaa	taataacaaa	agttagaaaa	aataaatttt	aataagtaaa	125400
aaagaaaaaa	gaaaaactaa	aaagataaaa	gaataaccaa	gaacaaaaca	aaaaaaatta	125460
taatggagct	gaaaaatctc	tggtgcctca	tatttactgt	actatacttt	taatcattat	125520
tttagagtgc	tccttctact	tactaagaaa	acagtttaact	gtaaaacagc	ttcagacagg	125580
tccttcagga	ggtttccaga	aggaggcatt	gttatcaaag	gagatgacgg	ctccatgcgt	125640
gttactgccc	ctgaagacct	tccagtggga	caagatgtgg	aggtgaaaga	aagtgttatt	125700
gatgatcctg	accctgtgta	ggcttaggct	aatgtgggtg	tttgtcttag	tttttaacaa	125760
acaaatttaa	aaagaaaaaa	aaaattaaaa	atagaaaaaa	gcttataaaa	taaggatata	125820
atgaaaatat	ttttgtacag	ctgtatatgt	ttgtgtttta	agctgttatg	acaacagagt	125880
caaaaagcta	aaaaaagtaa	aacagttaaa	aagttacagt	aagctaattt	attattaaag	125940
aaaaaaattt	taaataaatt	tagtgtagcc	taagtgtaca	gtgtaagtct	acagtagtgt	126000
acaataatgt	gctaggcctt	cacattcact	taccactcac	tcgctgactc	acccagagca	126060
acttccagtc	ttgcaagctc	cattcatggg	aagtgcctta	tacagatgta	ccatttttta	126120
tctttttatac	tgtattttta	ctgtgccttt	tctgtatttg	tgtttaaaata	cacaaattct	126180
taccattgca	atagtggcct	acgatattca	ttatagtaac	atgtgataca	ggtttgtagc	126240
ccaaaagcaa	taggttgtac	catatagcca	aggggtgtag	tagggccatac	catctagggt	126300
tgtataagta	cactctgtga	tgtagcaca	atggcaagca	gcctaacgga	aattctgttt	126360
attgattgat	tgattgattg	attgattgag	acagagtttc	actccattgt	ccaggctgga	126420
gtgcagttgc	acagtcttgg	cacactgcaa	cttctgcctc	ccagggttcaa	ccaattatcc	126480
tgccctcatcc	tcccaagtag	ctgggattac	aggcaggcac	caccatacct	ggctaatttt	126540
tgtatttttag	tagagacagg	gtttcaccat	tttggccagg	ctgttctcga	actcctgacc	126600
ttaagtgatc	tgccctgctt	ggcctccgaa	agtgtcggga	ttacaggcat	gagctaccat	126660
gcctgggcag	taactgaaat	tctctaattg	cattttcctt	atctgtaaag	tgacgataat	126720
atgcacgttt	acctcaaagt	tactttgatg	attaaagtaa	ggtaaatgtat	ataaaaataca	126780
tattaacata	gtacctgaca	catggtaagc	atcaaaaaat	gttaactact	tttattacta	126840
ttattattac	gtatttttaa	ataattagag	agcagtatca	aaaattagct	gggcgtagtg	126900
gcatgcacct	atagttccag	ctactcagga	ggctgaagct	ggaggattgc	atgagcctgg	126960
gaattaaagg	ctgcagtgag	cogtgttcat	gccctgcac	tccagccttg	gtgacagagc	127020
aagaccctgt	cttgaacaat	taaagaaggc	attatgccgc	aacgttagct	tagaaatgat	127080
ccacatatat	caccagtaac	tgtaaacagg	attggaaccc	tagttttggg	tattatgatc	127140

acaaggtatt	attaatagct	tattaataat	aaagcgttgg	ctaggcacgg	cgactcacat	127200
ctgtaatccc	agcacttttg	gaggccgagg	tgggtggatc	acctgaggtc	aggagtttga	127260
gaccagcctg	accaacatgg	agaaacccca	tctctactaa	aaatacaaaa	ttagccgggc	127320
gtggtggtgc	atgcctgtaa	tcccagctac	ttaggaggct	gaggcaggaa	aatctcttga	127380
acccgggagg	cagagggtgc	agtgaagctga	gatcgcacca	ttgcactcca	gcctgggcaa	127440
caagagcaaaa	actccgtctc	aaaaatataa	ttataataaa	taaataaaaag	taaagtattg	127500
atgttttgtga	atgattttatt	cttctaataa	actagaggag	atTTTTccag	gaatttcaga	127560
gccagtgagg	ttatgttgct	tgtatgtgtc	atgtgtatcc	aggtgaaaaa	acttaattaa	127620
acgctattat	ataataccat	acataaaaac	tgaatttttag	gaatactgaa	gaatgacata	127680
tagaagtcaa	atcattaaat	agctagtagt	aaacagaata	gagtgtcagc	tgttacccaa	127740
tgatgataat	atTTTcacga	ttaaaattaa	acctTTTctg	atTTTaaagg	aaaagttcag	127800
atctgtatca	tataaagaat	gtaaatTTTt	agggtataaa	aattaaaaatg	cagagagaaa	127860
aatgcaaaaa	tagttcttac	tagatgtgtg	tatgtaagga	acttagacta	atTTTaagaa	127920
cactgtcaag	acctggtag	ttaggtagga	aaaaagacat	gaatgattca	ttcaacaaaa	127980
actttgagta	tttctgtgct	agatggtagt	gttacagtgg	taaacaaaaat	aaatgtgttt	128040
ctgctatcct	ggagcttagt	ctacaaaaaa	ggtacatatt	ggccggggcac	ggtgggtcac	128100
gcctgtaatc	ctagcacttt	ggaagatcga	ggcgggtgga	tcacctgagg	tcaggagttc	128160
aagaccagct	tggccaacat	ggcgaaaccc	cgtctctact	aaaaatacaa	aaattaactg	128220
ggtgtggtgg	cggacacctg	taatcccagc	tactcgggag	gctgaggcag	gagaatcact	128280
tgaacctggg	agacagaggt	tccagttagt	cgagatcatg	ccactgcatt	ccagcccggg	128340
ggacaaaagc	gaaaatacgt	ctcaaaaaaa	caaaaacaaa	caacaaaggc	acgtattaaa	128400
tacgaacata	aatattttaca	aattatactg	aataagttct	catgtttatt	atTTtgcttgt	128460
ccagttacaa	actTTTcctt	cgtagaatta	gaaatataaa	taataaacat	gagaactcat	128520
tcagtataat	taataattat	taaatgtaaa	taaaaacatc	tatgtacaat	taggcattta	128580
tttaagaatt	atTTTgaaaa	aaaacaatgt	ggaaacagat	atTTTgatat	attgctagtg	128640
attgaaattg	ataatgttct	tttgaagagt	aaagtgacca	tatatattaa	agttaaaatt	128700
taactcagca	atcacacgcc	tgggtgagtt	tcttaaggaa	atcagtTTTga	aagtaaaatc	128760
aatatatgca	caaagacttt	aacattttatc	ataaaccaga	aaaatcgagt	ttcaaattat	128820
atcctatgga	ctatTTTctg	ctaaaaagta	ttaatatcaa	ctttatgtaa	tactTTTctg	128880
acaaatatTT	tgggggagaa	aacccaacaa	aattacatgc	attgtaattt	TTTTTTTTTT	128940
TTTTTTTTTT	gacagtcttg	ctccagcgtc	caggctggag	tgcagtgggtg	caatctcggc	129000
tcactgcaac	ctccatctcc	caggttcaag	caattctcct	gcctcaggcc	tcccagagtag	129060
ctgggattac	aggcgctcac	caccatgcct	agctaatttt	tatagtTTTT	agtagagatg	129120
gggtttcatc	atgttgGCCa	ggctggtctt	gaactcctgg	tctcaagtga	tccgtctgcc	129180
tcggcctcct	agagtgtcga	gattacaggt	gtaagccact	gcaccagacc	ttatgcatta	129240
taatttttaT	ttgtaaactg	tacaaaggga	taatacttgt	agtacaacaa	gaagtaaaaa	129300
catttgttat	aggtagttaa	catttgtaac	cagtagaatt	ataggtaaaa	tttattttatt	129360
taaaacagtt	ttagttggat	ttgatttcaa	ctttaaaata	atgctTTTca	tctctatcag	129420
gtctTTTTTg	ctggctTTTT	gtccagcaat	ctttattata	aatatttgaa	tgatctcatc	129480
cattcggttc	gaggagatga	atTTTctgggc	gggaacgtgt	cgctgactgc	tcctgggtct	129540
gttgGCCctc	ctgatgagtc	tcacccaggg	agttctgaca	gctctgcgtc	tcagggtattg	129600
actgattgCG	tctgccatta	gggagaaaaag	catacacatc	ctttccttca	catcccagta	129660
acagatccta	ttatttgtaa	atTTTtaagtt	gtggaaaaaa	aagataaaaag	ccaggcacag	129720
tggcctgtgc	ctgtaatccc	agcactTTTg	gaggctgcgg	tgggcggatc	acacgaggtc	129780
aggaattcga	gaccagcctg	gccgacatgg	tgaaccccca	tctctactaa	aaatacaaaa	129840
attagccggg	catggtggca	ggcacctgta	atcctagcta	cttggggaggc	tgaggcagga	129900
gaatcgcttg	aacccaggag	gcagaggttg	caatgaacca	aatcacgcc	actgcactcc	129960
agcctgggtg	acaaagtgag	actgtgtctc	aaaaaaaaaa	aaaaaagaga	gaaataaaaat	130020
tagcctactt	actatcttct	aatcaaagca	tttgtggtaa	cttaaaaatat	actgtattgt	130080
aaagtatcat	gctgtttcat	ttaggccatt	attctatTTTg	aatctgtggc	tgTTTTctct	130140
aataaatcaa	gtaatatgga	atataattcat	agcctctgaa	gagctcttta	tgtaagtatt	130200
tatttaggat	actTTTtgta	aaataagtga	atgaattctt	aggtctcctt	TTTTTTTTct	130260
ttcttgagac	agggtctcct	cgctgcaacc	tggaaattct	gggtctcaaat	aatccacca	130320
ccacagcctc	ctgaatagct	gggactagag	gcatgcacca	ccagcctgg	ctaatttgaa	130380
atTTTTTTTT	ggccaggcat	gatggttcac	gcctgtaatc	ccagcacttt	gggagaccga	130440
ggcaggcaga	tcacgaggtc	gggagatgga	gaccagcctg	gccaacgtgg	tgaaaccccg	130500
tctctactaa	aaatacaaaa	attagctggg	tatggtggct	catgcctgta	atcccagcta	130560
cttggggaggc	tgaggcagga	gaatggcttc	aaccaggagg	tcggagggttg	cagtgagccg	130620
agatcacgcc	actgcactcc	tgcattggtga	cagagtgaga	ctccatctca	aaaaaaattt	130680
TTTTTTTTaaa	tgatggagtc	ttgctgtgtt	gtctaggctg	gtcttgaaac	cctgacctca	130740
aatgccgcct	gcttcagcct	aagtttcttt	TTTTTTTTgta	aagagacagg	gtcttgctat	130800
gttgGCCcagg	gtagtctcaa	actcctggct	tcaagcagtc	ctcccacctt	ggcctctcaa	130860
agtgtcggga	ttacaggcgt	gaaccactac	ctataatgtt	gtgttttact	caaggccttt	130920
tgatttcggt	ttgcattacc	gtgccacatt	gtgcatttcc	ttgacctttt	ttgggttttt	130980
tggagtgctt	tcatatgtta	aaccatacct	gattctcctc	aaaatcacac	aaagtagaat	131040

atcctaagac	aagaaatcta	aggaggcata	aagaagttaa	ctgggttttat	taaactcaca	131100
cagtaaata	tagagccaga	aatattcccc	ttctagtgtt	cttcaccatc	agcttaaatgt	131160
agcataata	ttttctaatt	actgttgaca	aataaataac	cctttgaatt	ttcaataactg	131220
ggccttgat	aaattttcct	aatttgtaag	agagtattat	cgtattgcca	tttaciaaagc	131280
tctcctgagt	atctttttct	tctgttaagt	ttacctagga	gataaactgc	tgagtatggt	131340
tgccattttg	gtttttttgat	atagggttaga	atgtcttggt	tttttttttt	ttttttttttg	131400
gtttttgttg	ttgtcattgt	ttgagacagc	atcttgctct	gtcgcccagg	ctggagtgc	131460
atggcacgat	cgtggctcac	tgcaacctcc	acctcccggg	ttcaagcaat	tctcctgcct	131520
cagcttcctg	agtagctggg	attacaggca	tgtgcaacca	cacctggcta	atttttgtgt	131580
tttttagtaga	gaaggggttt	cacctgtgtg	gtcaggctgg	tattgaactg	ctgacctcat	131640
gatccacctg	cctcggcctc	ccaaagtgtc	gggattgcag	gcatgagcca	ctgcacctgg	131700
ctgaatgtct	tgttttttgat	taggcactta	agaaaggcct	aggtactaac	cataaaatat	131760
atttttatac	ctttttgttg	tactatata	atagaaaact	gcacttatca	taaccttaga	131820
caccttgaag	aatgttcaca	agcagaacta	acctatgtga	cccagcatcc	agatcaaaaa	131880
cagcattatc	agccccctca	gaagccctct	tgggcccctt	ccattcactg	tccttcttgt	131940
caccagggtg	gctactatcc	tgacttttga	tggcatagat	tagcattacc	tgttcttgtc	132000
attttataaa	taaaaccata	ctgtgtattc	ttttcttgtg	cagctttatt	gtgctaattc	132060
acattttacat	catacaattc	agtgggtttt	atatgggtcac	agagttaggt	aaccattacc	132120
acatcgattt	tagaacattt	ttttcactcc	agatagaaac	cccctttact	taaactccaa	132180
atccccact	ccaccagccc	taggcagcca	ctagtctact	ttttatctct	atagagacaa	132240
tagatttgct	tattctggac	atttcataaa	catggaaccg	tatattatgt	ggtcttttgt	132300
tgccaactgt	ctttcactta	gcatcatgtg	ttcaaaagag	catcatgtta	tccatgtttg	132360
gcatgtatca	gaattttatt	cctcattatg	gccaaatatc	ccattgcaag	gatttatgac	132420
attttattttg	aattgtacct	tcctttctgc	catttatcaa	taatgctact	gtgaccattt	132480
gtgtacaagt	ttttgtgtgg	atacagggtt	tctttttgtt	tttaaatttg	aggtggagtc	132540
ttgctctgtc	gcccaggctg	gagtgcagtg	gcacaatctc	ggctcactgc	aacctctgtc	132600
tcttggttgc	aagcagttct	cctgcctcag	cctcccaggt	atctgggact	ataggcacgc	132660
accaccacgc	ccagctaatt	tttttagtaga	gatgggggtt	cacctgtgtg	gccagtctgg	132720
tctcgaactc	ttgacctcaa	gtgatccacc	catctcggcc	tcccaaagtg	ctgggattac	132780
aggggtgagc	cactatgccc	ggctgtggtt	ttcatttctt	ttgttgata	tacataggag	132840
tagaattgct	gagtcaagag	gtaactctta	aacttattga	aaaactgcca	gattgttttc	132900
cgaaaaggct	gcaccatttt	gcaatcccac	cagcagtgtg	tgagttttac	agcttctcca	132960
catttcattg	gaacttatta	tctgtttggc	tgttttttaa	aatgatagtc	attccaataa	133020
gttctacttc	agtgtgggtt	ttgcacttct	ctgatgagta	atgatgttga	gcatcttttc	133080
atttgcttat	tggtcctttg	tctagctttg	gaaaaatgtt	tattcaaata	ctttggccat	133140
ttttattttt	atttttattt	atttattttt	ttttgagacc	aagtctcact	ctgtcagcca	133200
ggctggagta	caatgggtgtg	gtctcagctc	actgcaacct	ccgcctcctg	tggtcaagtg	133260
attctcctgc	ctcagcctcc	cgagttagctg	ggattacatt	tcaggcacct	gccagcatgc	133320
cgggctgatt	tttgtatttt	tactagtgc	agggtttcac	catgttagcc	aggctggtca	133380
caaactcctg	acctcaggtg	atctgcctgc	ctaggcttcc	caaagtgtgc	ggattacagg	133440
cgtgagccat	tgggcccagc	ctagattttc	ttttttcttt	ttttttttga	gaaggagtct	133500
tgctcttgtt	gcccaggctg	gagtgcfaat	gcacaatctt	ggctcactgc	aacctctgcc	133560
tcttggttgc	aagcgatttt	cctgcctcag	cctccccagt	agctgggatt	acagggtgcct	133620
accaccacac	ccagctaact	tttgtatttt	tttttagagac	agggtttcac	catgttggcc	133680
aggctggtct	caactcctga	cctcaggtga	tccacctgcc	ttggcctccc	gaagtgtctg	133740
gattaccggc	atgagctacc	aggcccagcc	aattttctca	ttatattgcc	caggctggtc	133800
tcaaactcct	gggttcaagt	gatcctcctg	ccttggcctc	ccaaagtgtg	gggagtacag	133860
gcgtgagcca	ccttgctcag	cccctttgcc	cattttttaa	ttagattgcc	tttttatatt	133920
gagtttcagg	agtcctttat	atattctaga	taaatgtccc	ttatcaaatt	atattatttc	133980
caggatattt	cttcattctg	tgagttgtct	ttcctctacc	ttttaaaaaa	ggtgggtttt	134040
tgtttgtttg	tttgtttgtt	tttttaagat	aagggtctcat	tctgctgccc	aggctggagt	134100
gcagtggcac	aatcacagct	cactgccacc	tcaacttctt	gggcccgaagt	gatcctctta	134160
cttcagcctc	ctgaatagct	agggccatag	atacacacta	tcacacccag	cttttttttt	134220
ctgtttgtag	agacagatct	tactgtgttg	cccaagttgg	tctcaaactc	taggctcaaa	134280
gtgattctcc	cacctctgcc	tcccagagtg	ctgggattac	agggtgtgagc	cacacgcaac	134340
ctgtcttttc	actattaata	gtgtcttctt	gcttcagcct	cccagtagc	tgggattaca	134400
ggcaccaccc	accatgcctg	gctaattttt	ttgcattttt	agtagagaca	gtgtttcacc	134460
atgttcaccc	ggctgggtctt	gaactcctga	cctcaggtga	ttcacctgcc	atggcctccc	134520
aaagtgtctg	gattacaggc	gtgagccact	gcacccggcc	aaaatatattg	cttcttaaca	134580
gtattgtctt	ctaattttgtg	aacatggatg	tatcttcatg	tatttatgtg	ttctttcatt	134640
tcagcagaat	tttgtagtgt	tcagagtaga	agcctttcac	ctccttgggt	catttatctc	134700
tatgttttaa	gttctttttc	attccattat	aaatagaatt	gttttcttaa	tttcattttc	134760
agattgtttg	atgagagagc	atagaaatac	aagtgttttt	tacatgttga	tcttgcaact	134820
tcaactttga	taaatctgat	tgtagctctt	aatagttttc	ttgtggattc	tttaggattt	134880
tcaatatata	agatcatgtc	atttatggat	agagatagtt	ttttttctgg	ctagaactta	134940

cagagcaatg	atgagtagaa	gtggcagaag	caaaaatctt	tgtcttggtt	cctatctgac	135000
agggaaagct	ttcaggtttca	tcattttaata	tgatgttagg	tgtgggtttt	caataaatgc	135060
cttttttcag	attcaggaat	ttccctatca	ttcctgattt	tttaaggctt	tttttttttt	135120
ttaaatcatg	aaaggggtgt	gaatattgtc	atgttctttc	tgtatcagta	taaatgatcc	135180
tatggatttt	gggtttttatt	ctgttgatgt	gaaatattaa	ttgattttca	gatgttaaac	135240
caaccttgca	tacctgagat	gaatctcact	tggtcatggt	gtataatctt	ttcaatatgc	135300
tgctggattc	catttactgg	tattttgttg	aagattttgt	atctgaacgc	ttaagataac	135360
atttacactc	tatcagaaat	gaattgacca	taaatgtgag	agtgtatttg	tgggttcttg	135420
attctcttcc	attccaaaga	tagacataca	tccgtctgta	tgtctgtctt	tatgccagta	135480
ccatactctc	ttgattacta	ttgctttgta	ataagttttg	aaatcagaaa	gtataaatga	135540
gatttttggt	tctgagtaac	agtcctcata	gaattagttg	ggaaatatcc	cctctttatt	135600
ctggtccttc	tttctttttt	gtttaactgt	gtatcttgga	gattgttcct	tctcaacaca	135660
tgagagccgc	tttccctacc	ctcccacccc	tgcctatagag	aggtctataa	gtgtctgttc	135720
aattatttta	tttacttaac	ctattactta	gtcggggaca	ttagcttggt	ttatgtcttt	135780
tatttttaa	aatgctgcag	tgaataatct	tgtatataag	tcattttcca	tcaatataag	135840
tctctctgta	actgaatttt	tagaagtgga	atctctaggt	caacctatgg	ctctgtattt	135900
cacaaaaata	ccaattctgg	tttttcttgt	ggaggtgggg	agtaggaggt	agaatgctgg	135960
aggagaactt	gctgtactca	gctggctagt	catttttagaa	aggtttccct	agcttctttt	136020
tgtcatatgg	cctcaccaag	aatcaaaaac	atctctattt	accctgtaaa	catggggctt	136080
tactacccaa	gatacatatt	tctggatgta	tgacagcttt	tcatattgaa	gaaataatgc	136140
tgtgagtaca	gcacatttgt	tggaaacttag	gtcgttaaga	atgtcttata	aattcataca	136200
ttatacattt	tatttttattt	tatttttttag	tttttgatac	agagtcttcc	tctgtcgccc	136260
aggccagcgt	gcagtgggtac	aatcttggtc	cactgcgacc	tccatctcct	gggctcaagt	136320
gattctcatg	tctcagcctc	cagagtagct	atgggttacag	gcatgcacca	ccatgcccg	136380
ctaatttttt	tattttttagt	agaaactggg	tttcaccata	ttgaccatgc	tggcctcgaa	136440
ctcttggcct	caagtgatcg	gcctgcctca	gcctcccaaa	gtgctgggat	ccttgtattg	136500
ggtaaaagat	gaatattgag	ggctgcctgg	tggctcatac	ctgtaatccc	agcactttct	136560
gagactgagg	tgggaggagt	cctggagccc	aggaggggtga	ggctgcagtg	agttgtgatc	136620
gcgccattgc	acttcaacct	aggaattata	ggcttcagtc	actgtgccc	gcatgtacat	136680
tttaaatattg	tgcttttctc	ttttagctat	agtatgaggt	tacattttcag	agtcattggt	136740
gttaagcatc	ttaatagtga	tgaggttgag	tgaaagttac	ttctattttca	aacactgaag	136800
aaaattttgt	acaaatctgt	cacattccaa	gcccaggact	gattgtttca	tatacttcta	136860
attttacaat	ttctattgta	gtccagtgtg	aaaaaagcca	gtattaaaat	actgaaaaat	136920
tttgatgaag	cgataattgt	ggatgcggca	agtctggatc	cagaatcttt	atatcaacgg	136980
acatatgccg	ggtaagctta	gctcatgcct	agaattttta	caagtgtaaa	taactttgca	137040
tctttttaaat	tttttaatta	aatttttacat	ttttttctaa	tctattatta	tatgcccaga	137100
actttcactt	agagtgtgca	gtataatgtg	gtgggttaagt	ataaaggctc	tggagtgact	137160
tcctgggttt	taatcttggc	tctgccattt	attggcagcc	gctaacctct	tggatatctca	137220
gtttcttcat	ctgtaaaatg	agaataataa	agtgaaga	tgccaacatc	atctactctg	137280
ggctgcataa	ctgatacttg	gaaaaagtat	tcctttgagt	ttagaatta	agttgggttat	137340
tcatttttagc	ttgtaataaa	aagatagtga	ttcataggat	atgccactta	ctgaaattta	137400
ccacagatcc	aatcataaaa	tcactttctc	ttccctaaag	atagcttgat	taacatgtaa	137460
agggtgtgtaa	aggcttgatt	acactaccct	gatccgtacc	ccagttccca	gcagcaccat	137520
gaaaaaggga	tttcaacata	tttaattact	ttcagtagaa	agtaacagtg	gtaggccagg	137580
cgcagtggct	cacacctgta	atcccagcac	tttgggaggc	cgaggtgggc	ggatcacgag	137640
gtcaggagat	tgagaccatc	ctggctaaca	cgatgaaacc	ccgtctctac	taaaaataca	137700
aaaaatttagc	cgggcatggt	ggcaggcacc	tgtagtccca	gctacttggg	aggctgagac	137760
aggagaatgg	cgtgagccc	ggaggcggag	cttgcagtga	gcttagattg	tgccactgca	137820
ctccagcctg	cgcagtggag	cgagactctt	gtctcaaaaa	aaaagaaagt	aacagtggta	137880
ttgggagact	gaggagccta	gaaagtactt	gaaggaagta	aaaggtttgt	ttgaccacat	137940
tgtatttgga	aagccagctt	tttcagctgt	gtcagctttg	tgtagtgatt	tttagttctt	138000
cttttagaaa	ataacggaca	aggccgggca	cgggtggctca	cgcctgtaat	cccaccactt	138060
tgggaggccg	agacgggccc	attacctgat	ctcaggagtt	cgagaccagc	ctgggcaaca	138120
tgggtgaaacc	ccgtctctac	taaaatacaa	aaagttagcc	gggcgtgggtg	gcgtgtgcct	138180
gtagtcccag	ctactccgga	ggctgaggca	ggagaattgc	ttgaaccggg	gaggcggagg	138240
ttgcagttag	ccaagatcac	accattgcac	tgcagcctgc	gcgacagagt	aagactctgt	138300
ctcaaaaaat	aataataaaa	taaaaaagaa	tggacagtaa	acctaataatga	gttcattccc	138360
aaagatgatg	ttattcttaa	gggatgggtc	atctatttaa	gaccttacat	aaagtctatc	138420
aattgcgtga	tttttctactt	ctgtaattgt	gtgtatgtat	aatgtaaaata	tatatgtttt	138480
tgttttggtt	tgggttttttg	agacggagtc	tcgctctgtt	gctcaggctg	gaatgcagtg	138540
gtgcaatctc	agctctctgc	aacctctgtc	tcccagggtc	aagcgtttct	tctgcctcat	138600
cctcccaagt	agctgggact	acaggcacgt	gccaccacgc	ccggctaatt	ttttgtattt	138660
ttagtagaga	tgggggtttca	ccgtgttagc	caggatggtc	tcaatctcct	gacctcgtga	138720
tccacccgcc	ttggcttccc	aaagtgttgc	tattacaggc	atgagccacc	acaccagca	138780
tgtatttttt	aaatgtataa	aatgaagcag	aaaagagaaa	tgataatttt	tcttcatctt	138840

gaaagattat	cttcaccagg	cgcagtggct	cacacttgta	atcccagcac	tttgggaggc	138900
ctcggcaggc	ggctcacttg	agttcgaaac	cagcctggcc	gacatggtga	aactccgtct	138960
ctactaaaaa	taaataaata	aagatgggtt	taatataatg	tttagtttta	tgatttttagc	139020
atctttctga	aattttttct	aaggcaagta	aatttgtatc	agttggtata	ttggtaccca	139080
tctatgaaat	aacttattag	gaagatatct	ctaaaataag	atcactttgc	ctaaaataaa	139140
ctgatatatt	gatgttcaca	gaatttttct	tttaaccgac	ttgataaatg	cattattctt	139200
gacgtcaagt	gatccacctt	cctcagcctc	ccaaagtgc	gggattacac	acatgagcca	139260
ccgcacctgg	cattattctt	ataaaaaggt	aaatttctag	ttaagttaa	tgtcctcttt	139320
gttcatgtac	cattgcttat	tttcttccct	tcctactcac	agtaatcatt	cttatggtat	139380
gcacttttgt	ttgcttattt	ttatgtaatt	gatattacgc	tccattctgt	acgttgtact	139440
ttcattcaca	gtgagttttg	gacattccta	tgttcatcta	tacagactta	cttcatttta	139500
actacactgt	agtattccgt	atgtaatat	tactataact	catcactgta	gcagagcatc	139560
tcatagtgtg	tgtattactg	ttttgccatt	ttggtatcaa	tgagtattta	agtcatttgc	139620
agtttttccc	tcttataccc	agtattacag	aggatctctt	tttatatgct	tctttgtacc	139680
aagaggcaga	ttaaaaaatt	tttttttgaa	aaaatttttg	aaaaaaaatg	aatgaagtc	139740
tcactatgtt	gcccaggctg	gtctcaaact	cctaggctca	agcaatcctt	ccatcttggc	139800
ctcccaaagt	gctgggggta	caggcatgag	ccaccatgcc	tggcctacat	tttaaatttt	139860
gatagctctt	acaatttact	ttgtaaagta	tctgcatcat	tttatgttct	caccagtctt	139920
taataagaat	acttcatact	tttggctgga	cacagtggct	cacgcctgta	atcccagcac	139980
tttgggaggc	cgaggcgggc	agatcaagag	atcgagacca	ccctggccaa	tatggtgaaa	140040
ccctgtctct	actaaaaata	caaaaattag	ctgggcgtgg	tggcgcaccc	gtagtcccag	140100
ctactcgaga	ggctgagaca	ggagaatcac	ttgaaccggg	gaggtggagg	ttgcagtga	140160
cttagatcac	accactgcac	tccagcctag	caacagagt	agactctgtc	tcaaaaaaaa	140220
aaaagaatac	ttcagactta	attttttttc	cagtcttaag	tgtttgctaa	tgagattgag	140280
tttcttttgg	tatgtctctt	gattgttcag	gttttttctt	ttatgaattg	actgttcac	140340
tctttttcac	attatttctg	ttgggtgatt	ttattagtga	cttgtaaaa	ttctgtatat	140400
tttttcagca	tgacacttca	ttattcaaaa	aaaaaaaaag	attctctatg	tttctcgata	140460
ctaatacatt	gttggtaata	ccttaaaaat	aagaccctta	ctgtattttt	tgcttttttt	140520
tttttttttt	tttttttttt	tttgagatag	agtcttgctc	tgttgcccag	gctggagtgc	140580
aatggtatga	tctcggtctt	cagctcactg	caactgcaac	ctctacctcc	ctgtttcaag	140640
caattctcct	gccttagcct	cccaagtagc	tgggattaca	ggcatccacc	accacacca	140700
gctaattttt	gtatttttag	tagagacagg	gtttcaccat	gttggccagg	ctggtctcaa	140760
actactggcc	tcaagtgate	cgcctgcctc	ggcatcccaa	agtactggga	ttacaggcat	140820
gagccacagt	gcctagccac	tttttgcttt	ttactttgt	tttatagtac	tatagtttta	140880
gtataaacag	atgtatgtat	acacacaact	atggctttat	aatatgtttc	agtcattggt	140940
agagcaaggc	ctaccttttg	ggtgcttctt	ttacaaaatt	gtcttggtta	ttcttgtgcc	141000
ttttttctta	tttgtgaatt	ttagaattgt	gaattacctg	ttgactcacc	atgttttgta	141060
aactgaggat	tttgaatgga	attgcactca	attaaagatt	atcttgcttt	ctgtgcagca	141120
atgttttatt	tcaaataatc	cctactttta	attacttagg	atagctataa	attgtgtttc	141180
tggctttcta	gatttagatg	aaacgcttta	aattgattgt	tttctcctaa	atttaaaact	141240
gattgttaga	agttaaagtc	ttctgttcat	tcttatttag	gaagatgaca	tttggaagag	141300
tcagtgaact	ggggcaattc	atccgagaat	ctgagcctga	acctgatgta	aggaaatcaa	141360
aagggttgtg	gtgtttttat	acttcataat	aagcctttac	tcacattagt	gattgactgt	141420
aagtcaaaga	ccacttaagg	tttaaactgt	ttattttgta	aagtaaccac	tgtatctttc	141480
accttgtgtt	tatagtcaga	agtaagtaca	agggcttcc	gtagtcacat	ctttatgcaa	141540
tctcctctga	atcaaaaagt	agtgaacttg	ctttgccact	ccagaaggca	catgaatatg	141600
aaaaagcatt	gtctattttc	ttatttaatt	gcaaaaatac	cgacctaaat	tggacttaat	141660
gtttgagacc	gtttatttta	ttaaattata	ttttttctct	tttctttttt	ttttttgaga	141720
cagttcttgc	tctgtcacc	agaccggagt	gcagtgggtc	gaccgcacct	cactgcaacc	141780
tctgcttcc	aggttcaagc	gatttttctg	cctcatcctc	ctgagttagt	gggactacaa	141840
gtgcgcacca	ccacacctgg	ctaatttttg	tatttttagc	agagatgagg	tttcaccacg	141900
ttggctaggc	tgggtctcata	ctcctgacct	caagcaatcc	atccgccttg	gcttcccaaa	141960
gtgctgggat	tacaagtgtg	agccaccatg	cctggcctta	ttaaattatt	tttattaaat	142020
ttcctcaaga	ttgatgaaag	taatgaaata	taaaagtaat	gaaatatatg	tggaaaatag	142080
actggattaa	gaaaatgtgg	cacatatata	ccatggatac	tatgcagcca	taaaaaagga	142140
tgagttcatg	tcctttgtag	ggacatggat	gaagctggaa	accatcattc	tgagcaaact	142200
gtctcaagga	tagaaaacca	aacaccgcac	gctctcactc	ataggtggga	attgaacaat	142260
gagaacactt	ggacacaggg	tggggaacat	cacacgctgg	ggcctgtcgt	ggggtggggg	142320
gctgggggag	gaatagcatt	aggagatata	cctaataata	atgacgagtt	aatgggtgca	142380
gcacaccaac	atggtacatg	tatacatatg	taacaaagct	gcacgttgtg	cacatgtacc	142440
ctagaactta	aagtataata	aattttaaaaa	aaataaatat	atgtggaaaa	tattaatagg	142500
tcaaaaattca	aattgttcat	ttaatcagaa	gagtagttta	gtcaaatcca	agggtttagac	142560
aacagaaatc	ttttttgtca	agtgcattct	ttgtgactga	tttcattttc	ttcctgggtt	142620
acacaggaag	atttcagaaa	caaagtgtga	tccgtgacag	atggtatcta	gaagttttta	142680
gtttgggtga	attgacagta	ttttatttag	taaaagatac	taatttttgt	aagaagaaaa	142740

attcaatttt	gataagtatg	tttaagatta	agagctattg	gccaggcgct	gtggctcatg	142800
cctgtaatcc	tagcactttg	ggaagctgga	gcagggtggg	cacgagggtca	agagattgag	142860
accatcctgg	ccaacatggg	gaaaccctgt	ctctactaaa	ttagccaggc	gtgggtggcac	142920
atgcctgtgc	acccgcctcc	gggtttaagc	gacccactg	cctcaggctc	ctgagtagct	142980
gggattacag	gcgccatggc	taatttttgc	attttttagta	gagacagggt	ttcactacat	143040
tggccaggct	ggtctggtct	caaactcctg	acctcagggtg	atctgcccgc	cttagcctcc	143100
caaagtgtcg	ggattacagg	catgattcac	catgtctggc	catttatctt	attttctttt	143160
tttttttttt	ttttgtttga	gacggagtct	tgctgtgtcg	cccagagctg	gagtgcattg	143220
gtgcgatctc	agctcactgc	aacctctgcc	tcctgggttc	aagcaattct	cctgcctcag	143280
tcttccaagt	agctgggatt	acaggcgctg	gccaccacat	ctagctaatt	tttgtatttt	143340
tagtagagac	aggggtttcac	catgttggcc	aggctgggtct	cggaaactcct	gacctcgtaa	143400
tctgcccacc	tcggcctccc	aaagtgtctga	gattacaagt	gtgagccact	gtgcccagcc	143460
atcttatttt	ctttcttttt	ttttgtcggg	tgggaggggg	acagagtcta	gctctgtcgc	143520
caggcttggc	tcactgcaac	ctctgcccc	caggttctag	caattattct	gcctcagcct	143580
cccaagtagc	tgggattata	ggcacctgcc	accacgcctg	gctaattttt	tgttattttt	143640
agtagagatg	gggttttgc	atgttgacca	tgctggcctc	aagtgatccg	cccaccttgg	143700
cctcccaaag	tactgggctt	acaggcgtga	gcttgtattg	ggtaaaagaa	caatattggg	143760
ggctgcatgg	tggttcatac	ctgtaatctg	agcactttgt	gagactgaga	tgggaaggagt	143820
gttggagccc	aggaggggtga	ggctgcggct	gcagtgaatt	gtgatcacgc	cattgcactt	143880
ccacctaggt	aatggagcaa	gacctatgtc	ctaaaaaaca	aaacacaatt	tttttaagga	143940
atactgggaa	gaggtcagtg	gtggtttttag	aacagaggaa	gtgccagatg	acctttgtga	144000
ggcattggcc	aggaagaact	ctacagtgtc	tttaggtagc	ttctgtccat	aaggataatg	144060
gggtctcctc	cccagtatta	atagaaaatc	tctgagctgt	ttttttttgt	ttgtttgttt	144120
tgtttttttt	tcctgagatg	gagtctctct	ctgtcggcca	ggctggagtg	ctgtggcgcg	144180
atcttggctc	actgcaagct	ctgcctccca	ggttcacacc	attctcctgc	ctcagcctcc	144240
caagtagctg	ggactacagg	tgtccaccac	cacgcccagc	taattttttg	ttattttttag	144300
tagagatggg	gtttcaccat	gtcagccagg	atggctctga	tctcctgacc	tcgtgatccg	144360
ctcgccctctg	ccttgcaaag	tgtctggagt	acaggcgtga	gccaccgtgc	ctggcctggg	144420
ttttttgttg	ttgttatatta	tttatattat	tatttatatt	ttgagacaga	ctctcgctct	144480
gtcgcccggg	ctggagtgtg	gtggcacgat	gtcggtcac	tgcaagctct	gcctgccagg	144540
ttcaagccat	tctcctgcct	cagcctcctg	agtagcaggg	accacaggcg	ctcgccacca	144600
cgcccggtta	atttttttgta	tttttagaag	agacgggggt	tcaccgcatt	agccaggatg	144660
gtctcgatct	cctgatgtcg	tgatccgccc	acctcggcct	cccaaagtgc	tgggattaca	144720
gggtgtgagcc	accgtgcctg	gcctgatttt	tttttttttt	taatctgggt	tcataacctct	144780
gacagctcat	gaagaagtgc	tcctgcttca	tatgtatatg	tgttagcata	gtgttaacat	144840
agcataggtg	ttcgggtgttt	gcagtttctg	tttgttttat	atgaattaag	gtgtattatg	144900
agcagttgaa	gatatatagg	aaattttttc	ccaaaccact	atctctgctc	gttctattca	144960
ttcagttctgt	ttatgttatt	ccttcattca	ttcattttat	agaacagtgg	agtgcctact	145020
gtatgcatct	attgttctgg	gtcctgggga	agaaaacaaa	gttcctgctt	tcattggaact	145080
tacattatat	tggcggagac	agtaacagac	aaacaaatgt	agcctgtgta	catgtgttac	145140
atgaaaagca	gggtaggggg	ctgggagaga	gtagtaggga	gtgctatttt	cgagggtggt	145200
gtcaggaaag	gcctcactga	ggaggtggca	ttttgagtag	acctgagcgc	agcggggggcg	145260
taagcccagg	cagcatgtgg	aggaagagtg	ttcttgggtga	aaggaacaag	gatagaggcc	145320
cgaagctaga	gagctcagca	tgatcaagga	acagcaagcc	ccgtgtgggt	ggaatggagt	145380
gagcaaagga	atgagcagta	gaaggtgagt	gagttgggag	gtcaccagag	accatggcaa	145440
ggacttgaaa	gtgtcaggga	cacattggaa	gttggagcag	ggaaatgatg	ggatttatgt	145500
tttggtttttg	ttttatgttt	agtgttttta	agggattgct	ctatcagcta	tttggaataat	145560
ttagtgtagg	gcttcaagaa	gagaagcaga	gaaacaacat	tcttgccata	gtcatagtct	145620
aagtaaggga	tgatgggtgg	gtggattagg	ctggtagtgg	aagaccagtc	cagttcgggt	145680
tgtatttgaa	ggtagaggca	aaaagattat	atcttctacca	gcaagcccat	ctatgaagtt	145740
acttgtatta	ttaatttaat	ttagacatgc	ccacataaac	taataaatag	gaatttctgc	145800
agtttgggtta	aacacccctg	tatatcctgg	ttcttctttt	agttgtccag	atgtctcttt	145860
aagtcaagta	tttttttgggtg	gtgtaggagc	ctagagattg	aatttattca	cccaaaaggc	145920
atgtgagtga	ttactatgtg	ccaggcacta	tgtgaatgc	caaggatgta	aataagaggg	145980
cgtagtctca	gtctgtttta	ctccagcttg	gttccttttt	aatgaccctg	acttggttaag	146040
catatcagtt	atcctacaga	atgttttaate	ttctgtactt	tcctgggtgt	gttatttagc	146100
ttatttctct	ttccttgaca	tttcttgtaa	actggaagtt	acacctatag	tcttgatgat	146160
tcgtgttaca	cattttagat	tagaacacat	catgtgttgt	atatgggtgt	tttgaaagcc	146220
tctctgtata	ttgggtctgta	cattaaaatg	ttgcctgaat	ggatacacat	aaaatttaac	146280
agtgattaca	ttagagatga	gaagaaagag	gtgcctttta	cttttcaata	taccttttcc	146340
tctgcttttt	gaactttctt	gccttatgca	tacgttattg	cttaatcatc	cacctcatct	146400
cttcccctgt	ggcttttctgt	tgcatttgga	atgaaatcta	gcctctttgc	tgttacctgt	146460
ggatgtccct	tgtctggcctc	tatcacctta	ctttgaacca	ctcctttcat	ggactgagct	146520
ctcattggac	tatcttttat	tcttttgctg	aagtttcttc	actttgagtg	cctctgcagt	146580
tgtatattca	tggctgtggc	aagccctgcc	atggctttca	tgcaaggatg	gttcctcctt	146640

ctcatctcaa	tattatctct	tcagagaggg	accttcccaa	ctccgatgat	ctaaaaatcct	146700
ttgtatatac	cactcactac	cacttctttc	ttttcttttc	cttttatctt	tttttttttt	146760
tttttttttt	gagatagggg	cttgctctgt	tgcccagggt	ggaatcacga	ctcactgcag	146820
cctcatcttc	ttggggtcaa	atgatectct	cacctcagcc	tctcgagtag	ctggaactgc	146880
aggcacacac	caccatactt	ggcttattat	tttacttttt	gtagagacag	ggtttcacca	146940
aggctggtct	caagctcctg	ccgcaagcaa	tccacatctc	tcagcctccc	aaagtattgg	147000
gattatagga	gtgagccact	actcctggcc	tattttctta	ttcactgtct	aaaattatct	147060
tggtcattta	tttacatact	tgtttatagc	ttattttctca	gctggacatg	gtgcctcaca	147120
cctgtaatct	caatactttg	ggaggtggtg	ttggagaatt	ggttgagccc	aggacttcaa	147180
gaccagcctg	ggcaacaaag	tgagaccctg	tctataaaaa	attgttttaa	aattagctgg	147240
gcatggtggc	acatgcctgt	ggtcccagct	acttgggagg	cagaggtggg	agaatcgctt	147300
gggcccagga	ggttgaggcg	acggtgagcc	atgattgtgc	cactgcactc	tagcctagtg	147360
acagagttag	accatgtgtc	taaaaagtaa	ataaaaaatag	tttctctttc	atgactagaa	147420
tattacctct	atgtgggcag	ggagtttgtc	tatactattt	ggcactatat	ttcctgattc	147480
tgaaattatg	cctagcacat	ggtaagtact	ccttaaatat	ttattgactg	aattatttaa	147540
tacttaagaa	tttcattttg	gattatctga	gtggtaagat	tacggattat	atttatgtaa	147600
gaaaaaatca	tttttttaaac	ttgggtgccc	tttgccacac	tgacatagac	actaagtttt	147660
cttagccaga	ttacttccga	ggatactcac	agaggccatt	ctcttctcaa	tccccaata	147720
attgatattt	cttagcactt	tcaagcta	gcaattctta	gatgatgtat	ctgtgtatat	147780
catatcctca	ttctacaaat	gtagaaattg	aagtctgggc	acagtggctc	tcacctgtaa	147840
tctcagcagt	ttgggaggcc	aaggcgagcg	gatcactgag	gacaagagtt	aagaccagcc	147900
tgccaacat	ggtaaagcct	tgctctctatt	aaaaatacaa	caattagggc	cgggcgtggt	147960
ggctcacgcc	tataatccca	gcacgttggg	aggccaaggc	aggcagatca	cgaggtcagg	148020
agttcgagac	catcctggct	aacacagtga	aaccccatct	ctactaaaaa	tacaaaaaat	148080
tagccaggca	tggtggcacg	cgcttgtagt	cccagctatc	gggaggctga	ggcaggtgaa	148140
tcccttgaac	ccgggaggcg	gaggttgcaa	tgagctgaga	ttgcaccgct	gaactccagc	148200
ctggtcaaca	gagggagact	ctgtctcaaa	aaaaaaaaaa	aaaaacaatt	agccaggcgt	148260
ggtggcgggt	acgagtacct	gtaatcccag	ctactaggga	ggctgaggga	ggagaatcac	148320
ttaaaccocag	gaggtggagt	ttgcagcggg	ctgataatgc	accactacat	tccagcctgg	148380
gcaacagagt	gagactctgt	cttaaaaaaa	aaaaaaagaa	agaaagaaat	tgaggaaatgt	148440
ggagattgtg	gtctgtgatt	tgtaggaat	cacacagcag	gttagtagca	actacagggc	148500
tttggttcag	aataccacct	tgacaatggt	ttgtttacag	ttcggtccc	cttctctctc	148560
ctttctctcc	ttccttattg	agggcagctg	gaaagaattt	tcattcattta	ctagcctata	148620
gctttaattt	gagttttgaa	accttgataa	tagagcacag	aggaaaagac	tgagttttct	148680
tttttttgaga	cagtcttgct	ctatggccca	ggctggagtg	cagtgcacc	atctcagctg	148740
gttgcaacct	ctgcctccca	gggtcaagca	attctgcctc	agcctctcga	gtagctgaga	148800
ttacaggcac	gtgtcaccac	gccagctaa	ttttctgttt	ttgtttcggt	ttgttttttt	148860
ctgagatgga	gtcttgctct	gtcaccaggg	ctggagtgc	gtggtgcgat	gttggtcac	148920
tcaaacctct	gtctcctggg	ttcaagcaat	tcttctgcct	cagcctcccc	agtagctggg	148980
actacaggta	cgtgccacca	tccctagtct	atttttgtat	gttagtaga	gatgggggtt	149040
cactatgttg	accaggctgg	tctcgaactc	ctgatctcag	gtgatctact	cgtctcagtt	149100
tcccaaagtg	ctgggattat	tggcacacgc	ctatttttgt	attttttagta	gagacggggg	149160
ttcaccatgt	tggttagact	gggtctcaaac	ttctgacctc	aagtgatttg	cccggcccag	149220
cctcccaaag	tgctgggatt	acaggcgtga	gccaccgtgc	ccagccaaga	ttgagttttg	149280
aaaagagcct	tctgagatta	tgagaagggc	aagcaagata	acttaagaag	ttacattaaa	149340
atcatctaa	agacagtgtg	acaagaagga	attgtaaaat	gatgttatga	gcacgtgccc	149400
aatgtagtgg	caatcccttg	tgcttcgata	cattgggtggg	agacaaaact	gtacttaaat	149460
tgataaatcc	cttacatgtc	attttaagga	gcttagactg	actcccatca	tgtagacatc	149520
agagatttct	tttttttttt	tttttttttt	tttttttttt	tttgtgacag	agttttgtct	149580
ttgttgccga	ggctggagtg	caatggcgtg	atctcggtct	accacaacct	ccacctccca	149640
ggttcaagca	attctcctgc	ctcagcctcc	cgagtagctg	ggattacagc	catgcaccac	149700
cacgcctggc	taatttttgta	tttttagtag	agacgggggt	tctccatggt	gtggctggct	149760
tcgaactcct	gacctcaggt	gatcctcccc	cctcagccac	ccaaagtctt	gaaattacag	149820
gcgtgagcca	ccgcgccccag	cccagagatt	tctaaacaga	gttctaacca	gatgcttttc	149880
cctgtcagta	gaatgagaat	gaattggagg	tgaggagagac	tggcattgagg	gacaccagtc	149940
agccagtgga	attagctggg	aatgttgata	ggagaagaaa	aagattcaaa	gttaggtagt	150000
ggtagcaaga	attagaggga	aggtcggatt	tatgatatgt	ccaagggtga	attctaaggt	150060
gaaatttggt	ggcagatttc	atgtgtaaat	tggaagggta	gattgagttt	ttttaacatg	150120
ggttttctaa	catgtcaata	gagtgactct	gcaggggggc	ctgacgagag	aacagtgc	150180
ggggtgattc	aacagccagt	tgagccttca	tgacagagcat	ttaacactgt	gactctgtag	150240
actctgggtg	gcagtaaaat	ttcattaaac	caatatattaa	acccttaggt	aataataaaa	150300
attgaggggaa	aaggatccag	gtttttgtatt	ttttatgaat	tcagttattg	aattaaacag	150360
gaccttgctt	caagaaataa	tctaccaaca	attaacttgt	tttaaagcaa	agttaggaag	150420
tgagcatgtt	caaattatta	aataaaaaag	taagctgtgt	atttcattca	tagaaataga	150480
ggctggccta	cttcggatga	ttctcagcat	gtgattacag	atgtgggctt	atacatccta	150540

gggagttaag	gcgtactctg	gcttggatag	agtagagctc	tttgaaactc	ttctctcacc	150600
cagctagttt	atatagacta	gagaactaga	atgtagcagc	atactctgtc	ttagaagccc	150660
ttttatatag	gagctggtct	ggaagggttg	aaaacataac	aatgtgtgtg	gtgtctccca	150720
atgtattgct	agattcttac	ccaagagcat	tatcctgggt	agggttttgt	ttgggtttgt	150780
tttgtttttt	aatgtttgcc	acaaactaac	actagatggt	agttctttca	tcaagtgagg	150840
agagtagaag	aaaagtccag	aactctgaaa	caccttttca	aaagtttttc	aagccatgat	150900
gtttgcaagt	taaatgctct	gttatgtaag	caatataatc	agttttttatt	aatgtaacat	150960
tccttagtgt	tttgggggtat	cacacaaaaa	agaatatcca	tatctggaag	caacagcttt	151020
taaataagag	cattgtggtg	gtggtggtga	tagtggtttt	tttttttttt	tttgagttgg	151080
agtctcgctc	tggtgcccag	gttgaggatgc	agtggcacga	tctcagctcg	cttcaacctc	151140
tgctcccagg	ttcaagcaat	tcttctgcct	cagcctcctg	agtagctggg	attataggca	151200
cctgctacca	tgcttggtg	atttttatta	ttttagtaga	gacaggtttc	accatgttgg	151260
ccaggctggg	cttgaactct	taacctcagg	tgaatcacc	acctcggcct	cccaaagtgc	151320
tggaattaca	ggcatgaacc	accatggcca	gccaaataag	agcattttta	atgtaaaatt	151380
atgcatgaaa	tgtacattca	attttgtctt	tgtttactag	gatccatggt	ctcacaagct	151440
atgaagaaat	gggtgcaagg	aaatactgat	gaggtaaatac	ctacctttag	gataaaaaga	151500
tttctgttta	taagtgccac	cctcatgtaa	gtgaggttta	aaattttcct	tttctttagg	151560
tcccatgttt	aagcagcatg	gcacatttat	gttctcttac	ccagaatgta	ccaagaaagg	151620
gtggtccttt	cttaacatct	aacaattgcc	tggtagtagc	agtgaaggta	tcttcagtca	151680
gaggctagga	ccactgaagg	atatacatgc	attcaagttt	ccatcagcca	gcaggcatca	151740
gtaatcagtg	tgtagatcaa	aagctcaaat	gtttccttcc	ccactggcag	ttttacttca	151800
agtagtgagg	gcttgctttt	ttaatagtta	attaagtaca	ttgagagatg	ggaggtgaaa	151860
aaaggaaaat	gtttttatttt	gaccatctaa	tatgaaagta	gttcgggtgt	aggtatccag	151920
tagttgacac	tggaagacag	ggaatgacat	gttaatatcc	atagccagag	ggtggcccag	151980
gttttttcgt	acatgggaat	gaaattctta	tccaaataag	tagaaattat	gtgcgtaagc	152040
catttggttaa	gagcactgag	tatgtgcac	tcgatccatc	taatgaataa	ccattatcac	152100
cagtttaaat	tattttcttt	aggcccagga	agagctagct	tggaagattg	ctaaaatgat	152160
agtcagtgac	attatgcagc	aggctcagta	tgatcaaccg	ttagagaaat	ctacaaaggt	152220
aaggatgact	tcgtttttgtg	taaactaaaa	agtattattt	tccagggtga	aaaataaaaa	152280
agaacataag	gggtttcttt	gcctttgaag	gattaactgc	tgtggggatt	accttcttat	152340
cataagcaac	tagaaaattg	acaaactaaa	tgaaacaact	gtttgcatat	attggacaat	152400
gggcaataca	gggaaaccat	ggaaaccaa	cagagcccag	tagtcttgct	gaacgaaaga	152460
gttaaatatc	aaagttcagg	ccagggtgcag	tggtcacgcg	ctgtaatccc	agcacttttg	152520
gaggccaagg	cgggtgaatc	acttgaggtc	aggagttcaa	gaccagcctg	gccaacatgg	152580
tgaaaccctg	tcttagccgg	gtgtggtggc	aggcacctgt	aatcccaact	atttgggagg	152640
ctgaggcagg	agaatcgctt	gaaccaggga	ggcggagggt	gcagtgaacc	gagatcacac	152700
cactgcactc	cagcctgggc	gacgagcgaa	accccatctc	aaaaaaaaaa	tcaaagttca	152760
gagagctcaa	tttgagtaga	agttgtagga	taaggtagca	gaaaagagga	agctgcccag	152820
aaagaaagcc	gtagagatat	ttagagagat	tcccatggat	ccttggccta	ggagtgatct	152880
gtatatgtgt	ggggtgaaaa	cgcattgtgtc	caggtagaga	accccccaga	aattagtagg	152940
ctgaatgatt	gctggaacat	agggtcaaga	aaagtccatg	gccagaagga	tctggccaga	153000
gtagagagac	ttagtaatac	acaaggcatt	gggtagtgtc	ttcacagagg	ttatgcctta	153060
ctactgaaga	ttaattagtc	ctagagtaca	agcacctgaa	ccaagtttca	aagcaaattt	153120
ttaaagggtc	aaattaccta	acaactgcat	gccaaaacaa	aggcctaacc	ctctttacag	153180
taacacaaca	aaattcagca	cttcacagtg	taaagttaga	atgtctgacg	tccaggctgg	153240
gcgcagtggc	tcatgcctgt	aatcccagca	ctttgggagg	ccgaggcagg	tagatgacct	153300
gaggtcagga	gttcaagacc	agcctggcta	acatggtgca	accccgctct	tattaaaaat	153360
acaaaaactt	agccaggcat	ggtggccggc	acctgtgac	ccggctactt	gggaggctga	153420
ggcaggagaa	ttgcctgaac	ccaggagggtg	aagggtgcag	tgagccgaga	tcgcaccact	153480
gcactctggg	ctgggcaaaa	agagcaaaac	tcaggctcaa	aaaaaaaaaa	gaatgtctga	153540
cgtcaatcac	aaattaccaa	gcattgacatg	aagttgacct	ataaccagga	gaaaactcaa	153600
tctatagaaa	cagaccagga	tgtgagaaag	atgatgaatt	tagcagacaa	agaccatcaa	153660
gtggctattt	taaatattaa	aaatatgttc	aagtggccag	gtgcagtggc	tcatgcctgt	153720
aatcccagca	ctttgggagg	ccaagggtggg	taggagttca	agaccagctt	ggccaatatg	153780
gtgaaacccc	ttctctacta	aaaatacaaa	aaaattagct	gggcatgggtg	gcagggtgct	153840
atagtcaccag	ctatatggga	ggctgaggca	caagaatcac	ttgaacccgg	gaggtggagg	153900
ttgagggttg	agtaagccga	gattgtgcca	cttgtactcc	agcctggaca	acagagtggg	153960
actctgtctc	aaaaaaaaaa	aaaaaaaaag	taaagaaaac	aagagtataa	tgagaaaaat	154020
gcaaaatagt	tttaaaagaa	ccaaatggaa	tttcttaaaa	taaaaaatac	cagaaatggg	154080
ggccggggcgt	ggtagctcac	gtctataatc	ccagcacttt	gtggggggctg	aggcaggcag	154140
atcacctgag	atcggtagtt	caaggccagc	ctgaccaaca	tgagaaaacc	tcatctctac	154200
taaaaataca	aaattagctg	ggcgtggtgg	cgcattgcct	gtaatcccag	ctacttggga	154260
ggctgaggca	ggagaattgc	ttgaacccgg	gaggcagagg	ttgcgggtgag	ctgagattgc	154320
accagtgcac	tccagcttgg	gccacaagag	tgaaactcgg	tctcaaaaaa	aaaacaaaaa	154380
aaaacagtag	actcgaagaa	ctagctgagt	ttttctttac	tttaggcagt	aagtgtgacc	154440

ttttgcaggt	gactacttta	gttcctcatg	tcctcattag	tagatcagag	aaattcgaca	154500
ccaaaacccc	aaaagaaaaa	ccccttctaa	tcctcattcc	atgattttat	gaatgcatga	154560
agtcctaggg	ctgcgaagga	atactcattc	tctttatcct	gtgttgatac	ctctctgctt	154620
caacctccaa	ctcgacattt	gcctatagga	tgtacttgga	cattcagcat	aaactacctc	154680
acaccattac	tgaattgctt	catgtgcaca	tgtcccacgc	cacaataccg	gggaccttgt	154740
cttccgtgat	atttgtccgc	agtgtctgtg	ctacaggagg	gagtcagtga	atgtctgcat	154800
gtgtgtcttt	accatccctc	ttgaatatgc	tctagggtta	attcctagaa	gtagaattac	154860
tctattgaaa	attggcaata	tttttcattc	taatatctat	tgccaacatg	ggaaagcaag	154920
tctggatgcc	agtccttggt	atatgccctt	tgggtaagtt	acgtaacctc	tttaagcttc	154980
tgttcactca	tattttaaca	aggaaaatta	caatatttta	cctcacaaaa	ttgtagtcag	155040
cttctggctg	tcttaaaactc	tggtatatag	taaacactaa	gtgttggtgt	ccatccttaa	155100
tttgtaataa	taggtcactt	gttagagaaa	tgcaccttac	catttttctt	tcttttcttt	155160
tttcagttat	gactcaaaac	ttgagataaa	ggaaatctgc	ttgtgaaaaa	taagagaact	155220
tttttccctt	gggttggttc	ttcaacacag	ccaatgaaaa	cagcactata	tttctgatct	155280
gtcactgttg	tttccaggag	agaatgggag	acaatcctag	acttccacca	taatgcagtt	155340
acctgtaggg	ataattgatg	cacatgatgt	tcacacagtg	agagtcttaa	agatacaaaa	155400
tgggtattgtt	tacattacta	gaaaattatt	agttttccaa	tggcaataac	ccatttatga	155460
gagtgtttta	gcctactgga	atagacaggg	accacatcct	ctgggaagca	gataagcata	155520
gaactgatac	ttgatgcaca	ctcgtagtgg	taactcatcc	ctaatacagca	ttgtaaagca	155580
gggtgccagag	gtgggtttgct	ttgtccttcc	aaagcaggtg	agtcagcccc	accgagagcc	155640
aggcagcttt	gagtggcagc	gtgggtgctag	cagcttcagc	ggaacagggt	gagagttaat	155700
tatgcagtct	tcttgacagc	ggcattaatt	tgggaaggaaa	ctgacaagtc	atgggtcaag	155760
tttcagtgac	ttcctccttc	ctctgatggc	agtatatagt	tttcacattt	taattcctcc	155820
tcttgagatg	cactataactt	aaaaccattc	tctcccctgc	taacagaagg	gtgtgaatct	155880
ggtttacttt	gagcattagg	atttgccctt	ttggaattct	gcactccagt	tacttaactt	155940
tcccttcaga	atacatgtgg	aaagaaagaa	agaaatagcg	atgactccac	ttttgcccct	156000
gtggcacctt	gaacaaagca	gttcttccca	aattataactt	tttttttttt	taaataaggt	156060
gagcaggatg	actggggaga	gagaaacatt	tgactttgac	tgcctccccc	attcctttgct	156120
gtgagctgga	aagtgtgcag	ttgggtcgtct	ttcttctcct	ttcttttagga	tagtaagaga	156180
ctcactcact	gcacttctgc	tcagttggct	tctgcatcgg	gatcacacag	ccatcagcag	156240
gactgccag	ttgggtgagca	cactccattg	accacgtggc	gccagcgctt	cctcaatgca	156300
catgattgag	aggaaagaaa	gttctcttag	atgttactgc	ttttgctcag	actttgcaaa	156360
aaaaaaaaata	tatatatata	tgtataaata	tataattatt	aatcactttt	gtccttgaga	156420
aagtcttgaa	tgaacagaga	atttattcca	ttgcaatatt	tgattgtata	gaggcacact	156480
gtttcatcga	cagaagaagc	aaaaaggctt	tgtgtaagtt	tttggtacta	tgtaccacct	156540
ctgttattct	tttaaagctg	aagtattcat	gtacttaaac	catattatat	ttaattgtgt	156600
ttgattttta	aatatatata	tatgaattct	atttaaaatt	gtgtcaactt	tctgctttca	156660
gggcatttat	ggctcttctg	ttgaaatata	ttgatctttc	caaataattt	catttgcttt	156720
ctaaaaaccc	agaacatgag	ccactactgg	actttgcctt	gtgtttgaag	tgtatggcat	156780
aaacccaagg	tttttattag	tcactctatgc	tgtgattaat	tcattttgtt	cttttaacaa	156840
aatattttcca	tccacttcac	attgcttcaa	tctttaacag	aaaagcaata	taaagggttat	156900
agaataaaaat	gtggtttttg	gcaactcttg	ctgcctctgc	atgttttgga	ataacaattt	156960
ctacaagact	ctaggctggt	taaactagtg	ccttcagtta	agataaattc	taatcatttc	157020
tttgtatatata	catttttggtg	ttctgagcta	gagatgccaa	gtagttgtaa	actgcttata	157080
aagagaatag	cagcaaattt	gagactcggc	tacttttttc	tgccccacct	gctttgagac	157140
acagaagcgg	agtgtggccc	gaaattatta	gccagattta	atattttgatc	taaagtaggt	157200
ccttgtagctc	attttaaagt	tggaaattga	ttcctccaac	attgagcacc	caccatgttc	157260
caggctctgt	gcattgtgcc	cacaaaataa	gattccctgg	tggagttttt	atgggttcaa	157320
ataatcagtt	gaacaccctt	catctttatc	atgttggtga	cattgacaca	aattgtttta	157380
aaagaaaaga	tattagagag	aaagtggtag	ccttgtaact	tgatgtgtct	tcattcatcg	157440
gtaagatttg	atgaaagtaa	aaagcaaatg	tcagccaaat	ccagtgaaca	gcaataaaac	157500
aggagagtaac	tttttataac	tttttctact	tggattttcaa	cattcagtag	agctttttcga	157560
aatgtaagta	gtttacagta	ctggagggtt	gactagttca	gtaggaattt	ggagggggaag	157620
gtcattctga	attgtaacaa	agtacaaact	tctttgctgt	tttattttaag	tactgagagc	157680
taagcacctg	atgaagtgc	tgacctctct	ccagtgcag	tgtttggtga	cctgcctgac	157740
ttcaggagt	gggtttatgt	ttctacacag	tgaccttttc	tctcgccctc	tcctccctct	157800
tgccacacaca	ccagttgatt	ggacctgggt	tgaactcctg	atccagacag	gccaagaca	157860
gttcttaaatg	ttaagaattt	tggggccggg	cacggtggct	catgcctgta	attgcaacac	157920
tttgggaggc	cgagacaggc	ggatcacttg	aggtcagggg	ttcgaggcca	gcctggccaa	157980
catggtgaaa	ccctgtcttt	actaaaaata	caaaaattag	ctgggcatgg	tggcgcacgc	158040
ctgtaatccc	agctacgtgg	gtggctgaga	caggggaatc	gcttgaacct	ggaggcggag	158100
gttgtgcaat	gagccgagac	cgtgtcactg	cattccagcc	tgggtgacag	aggagagactc	158160
tgtctccaaa	aataaaaaata	agaaaaagaa	ttttgggcta	gggtgcagtgg	ctcacgcctg	158220
taattacagc	attttggaag	gccaagatg	ggcagatcac	ttgaggacag	gagttcgaga	158280
ccagcctgga	caacatgggtg	aaactccatc	tctactaaaa	agacaaaagt	tagccagatg	158340

tggtgatggg	cacctataat	cctagctcct	cgaggaggctg	gggcaggaga	atcacttgaa	158400
cccaggaagc	agagattgca	gtgagccaag	atcacatctc	tgcactccag	cctgggcaac	158460
agagcaagac	tctgtctcaa	aaaaaaaaaga	atctggccag	gcgcagtggg	tcacgcctgt	158520
aatcccagca	ctttgggagg	ccaaggcagg	cagatcacga	ggcaggaga	tcgagattgt	158580
cctggctaac	atgggtgaaac	cctgtctcta	ctaaaaatac	aaaacattag	ccgggtgtgg	158640
tggtgggcac	ctgtagtccc	agctactagg	gaggctgagg	cagaggaagg	atgtgaaccc	158700
aggaggcgga	gcttgcaagta	agccaagatc	gtgccactgc	actacagtct	gggcgacaga	158760
gtgagactcc	gtctcaaaaa	aaaaaagaat	tttggccggg	tgcgggtggca	catgcctgta	158820
gtcccagcac	tttgggagac	caaagtgggc	ggattacctg	aggtcaggag	ttcaagacca	158880
gtccggccaa	tatggcgaaa	ccctgtctct	tactaaaaaa	aatacaaaaa	ttagccaggt	158940
gtggtggcgg	gcacctgggg	aggctgaggc	agggagaaat	gcttgaaccg	gggaggcaga	159000
gggtgcagta	agccaagatc	gtgccactgc	actccagagc	aagactcttt	ctcaaaaaaa	159060
aaaaaaaaaag	aattttgcat	ggggaaggag	agatactgtt	caccatctgg	aatgggtgctt	159120
ggatgtggca	cttacaaaaat	caggagccag	cactgcatgg	acaaacagaa	gcatgtgggc	159180
ctgagatagc	aggtaccttg	ataaccctga	agacatcctt	ggtttctgca	tctattcctg	159240
catccttgca	ttggactaca	ttaatctgtc	agttatcctt	ataatgattt	ttgatttttt	159300
tttttttgaga	tggagtttcg	ctcttggtgc	ccaggctgga	gtgcaatggc	acgatctcgg	159360
ctcaccacaa	cctccacctc	ccagggtcaa	gtgattctgc	tgcctcagcc	tcctgagtaa	159420
ctgggattac	aggcatgcgc	caccacacct	ggctaatttt	gtatttttag	tagagacggg	159480
gtttctccat	gttggtcagg	ctgggtctcga	actcccaacc	tcagggtgatc	accctgtctc	159540
ggcctcccaa	agtgcctggga	ttacaggcgt	aagccatggg	accgggtctg	ttttttgatt	159600
ttttgaaacc	agtctgaagt	gagttttttt	aattacgtga	aaggagtttg	gctaaaatac	159660
tgccatactg	ccctaattgcc	taatgattat	gtattctcag	catgtctgca	aagtactgct	159720
gatttctgga	gaataatttt	tcttttagtaa	acttcactta	agtcgtcatg	tgtattctct	159780
caaatggta	tcctaacctt	atggagctaa	aagacacccc	ttgtttttat	aacaagcagt	159840
tactgaggcc	caggaagggg	agaagtccct	ggcttgtgag	atgatcacca	ttagaactca	159900
ggcctgggccc	agtgcctttt	catgcttctc	agatccttcc	aaagaataat	gaagattata	159960
accgctttta	gcaattgtaa	taaaccacga	aatagaaagc	ttttttggta	gagtactggg	160020
agaagtttgg	cgaggagagat	aattttttaca	aaatttgtaa	atacctgcca	attctatata	160080
ctaggcaagg	tctctggcct	tgtaaaaccc	ctcaagggtta	caactttggg	ggcccacact	160140
aatagttacc	cactgaggcc	ctctccgggt	gaacattgag	cactagagga	agcccctctg	160200
cttgggcagg	actgggcgtg	gtgcagagta	ggagcgggtga	tactgtggat	tctgggcagg	160260
tggagatggc	cagtgatgtc	caataaagga	cactggaggg	agcagtgtga	gtaaaggccc	160320
tgagggcatt	catgttcagg	gaggggtgct	gcccactggc	ttgcttggca	cacaggagag	160380
tgggtattcc	tgccttagta	actttatgta	aacaagtatt	tcctcagtct	gttcctctca	160440
aactgcctgc	tctggcacat	tcagaatgtc	acagaactca	cctggatgca	ttcagccctt	160500
tgcctaaagg	tgacagtgca	tctccttccc	caccccaccc	ctcataccac	tgaagcacct	160560
gtcagactgg	cccagtctgt	gggcaaggag	cctagagagg	gcttagtttc	agcttgaaag	160620
gagctgggat	ttaccaagaa	gcaaatgaga	gacgaggatt	gcaacaactg	tgccatttcc	160680
ccagcttcag	ctgactcctg	tatattgact	gtgccttcag	actcatccgt	aagtgacccc	160740
aggctggcct	ctcccacatc	acagtaagaa	ttccacacac	catacaactt	ggaaagaggc	160800
tccagctgaa	ggaagcccca	cacttctttc	aagtttttct	tagtcttctc	ttcttggcaa	160860
agagtacctt	ttgtttcttc	taattatgta	actattgggt	tagtaaatat	tcacccattc	160920
agtcaccctg	taagtggcag	gcactgttta	cagggacaca	ggaaggaata	aaaacttgca	160980
ggcaccttgg	agcttgcat	ctattgaaga	ggtaatggaa	gttgggatag	cagctaaact	161040
atgctgggat	tggccaggcg	cagtggctca	cacctgtaat	cccagcactt	tggaggccaa	161100
gggtgggcaga	tcataagatc	aggagatcga	gaccatcctg	gctaacatgg	tgaaccccg	161160
tctctactaa	aagtaaaaaa	aaaaattagc	caggtgtggg	ggcgggcgcc	tgtagtccca	161220
gctacttggg	aggctgaggc	aggagaatgg	tgtgaaccca	ggaggcgaag	attgcagtga	161280
gccgagatgg	caccactgca	ctccagcctg	ggtgacagag	cgagactctg	tctcagaaaa	161340
aaaaaatatg	ctggtagttt	tgattcaaga	tggccttttg	agcccatgat	ttaggctctg	161400
tacccaccaa	ggtctactgg	aaaacatcag	gctctcctgc	tatagaccca	tagggagagc	161460
tgcagccgag	agggggagct	gaagagaagt	gccccttctg	tgtcctgtca	gcctcatcct	161520
tcgcgaagga	ccagttgctg	tgccactcca	ttcacttgct	gcaagactgg	aggtttttcc	161580
tcagggtgtg	agcacctggg	ttacaagatg	tcagcatcct	gatgcctgag	accatcaagg	161640
caagtctctg	aacagggctt	accttagagt	aaggcttaga	agaggccgta	aagtcagtct	161700
cagctccgtg	gctctgcaga	gctttgggac	atgtgaattc	ttaaaaacaa	gactattgta	161760
cagttactat	atgcatgcag	tataaaaatta	taaccttgga	aaatcctagc	tagctgttga	161820
gctaattcca	taaagtaatc	agctcctgag	ttctgcagtg	gtaataataa	tcagcataat	161880
gagtaaacac	tgtgtgtgcc	aggcagcgtc	tcatttgatc	cttgtgataa	tcttgtaagt	161940
actgattttc	tcccttcttt	aaacaaagtt	tttttttttt	tttttagagag	ggctctacta	162000
tgttgcccag	gctagtcttg	aattc				162025

<210> 18
 <211> 162025

<212> DNA
 <213> Homo Sapien

<220>
 <221> allele
 <222> 156,277
 <223> Nucleotide sequence of chromosome 17 containing
 the genomic sequence of the allelic variant
 AKAP10-1

<400> 18

gaattcctat	ttcaaaagaa	acaaatgggc	caagtatggg	ggctcatacc	tgtaatccca	60
gcactttggg	aggccgaggt	gagtgggtca	cttgaggtca	ggagttccag	gccagtctgg	120
ccaacatggg	gaaacactgt	ctctactaaa	aatacaaaaa	ttagccgggc	gtgggtggcg	180
gcacctgtaa	ttccagctac	tcaggaggct	gaggcaggag	aattgcttga	acctgggaga	240
tggaggttgc	agtgagccga	gacgcgcgca	ctgctctcca	gcctgggttg	cagagtgaga	300
ctctgtctca	aaaagaaaca	aagaaataaa	tgaaacaatt	ttgttcacat	atatttcaca	360
aatttgaaat	gttaaaggta	ttatgggtcac	tgatattcctg	tttcattctt	tatataatca	420
ttaagtttga	aatgtatact	tgcactacta	acacagtagt	taatcttagt	cctacaagtt	480
actgctttta	cacaatatat	tttcgtaata	tgtatgcact	gggtgtttatg	tacgtgttta	540
tgtttatatc	tgttaaaatt	agcagtttcc	atctttttct	attttgtacc	atcacatcag	600
ttcagaagga	ttgacagagc	aaaatgattt	gatgaagtat	aaaagtcaca	tggtgagtgg	660
cataaataca	actctgaaca	attaggaggc	tcactattga	ctggaactaa	actgcaagcc	720
agaaagacac	atattcctata	tgtcaagaga	tgtaccaccc	aggcagttaa	agaaggggaag	780
tacacataga	aagcacaatg	gtgaataatt	aaaaaattgg	aattttatcag	acactggatt	840
catttgctcc	taaagtcaga	gtcctctatt	gtttttttgt	ttttgtgggt	ttcttttttaa	900
atttttttat	tttttgtaga	gtcggagctc	cactgtgtta	cccgggctgg	tctagaactc	960
ctggcctcaa	acaaacctcc	tgcctcagct	tcccaaagca	ttgggattac	agacatgagc	1020
cactgagccc	agcccagacg	cttttagcatt	tatgaagctt	ctgaaatagt	tgtagaaacc	1080
gcataagctt	tccatgtcac	tttcaaagtt	tgatgggtctc	tttagtaaac	caaccaagtt	1140
attcctcaag	ggcaaaaataa	catttctcag	tgcaaaaactg	atgcacttca	ttaccaaaaag	1200
gaaaagacca	caactataga	ggcgtcattg	aaagctgcac	tcttcagagg	ccaaaaaaaaa	1260
aggtacaaac	acataactaat	ggaacattct	ttagaagagc	cccaaagtta	atgataaaca	1320
ttttcatcaa	agagaaaaaga	gaacaagggtg	ttagcaaat	cctctatcaa	ataacactaa	1380
acatcaagga	acatcaatgg	catgccatgt	ggaagaggaa	gtgctagctc	atgtacaaac	1440
cagtagataa	tttcaacttg	ctgccgaatg	aaacctcttt	gcaagggtatg	aatcagcact	1500
tctcatgttt	gttttgcttt	gttttgcttt	gttttttagag	acaggccctt	gctctgtcac	1560
acaggctgga	gtgcagtggc	acgatcagag	ctcactgcaa	cctgaaactc	ctgggctcaa	1620
gggatcctcc	tgccttagcc	tcccaagtag	ctgggactac	aggcccacca	tgcccagcta	1680
atttttttaa	ttttctatag	agatgggatc	tcactagcac	ctttcatgtt	tgatgttcac	1740
atacaacgac	caaggtacaa	tgtggaaaag	ggtctcaggg	atctaaagtg	aaggaggacc	1800
agaaagaaaa	ggggttgcta	catagagtag	aagaagttgc	acttcatgcc	agtctacaac	1860
actgctgttt	tcctcagagc	agagttagatg	atctaaatca	ggggtcccca	acccccagtt	1920
catagcctgt	taggaaccgg	gccacacagc	aggaggtgag	caataggcaa	gcgagcatta	1980
ccacctgggc	ttcacctccc	gtcagatcag	tgatgtcatt	agattctcat	aggaccatga	2040
accctattgt	gaactgagca	tgcaagggat	gtaggttttc	cgctctttat	gagactctaa	2100
tgccggaaga	tctgtcactg	tcttccatca	ccctgagatg	ggaacatcta	gttgcaggaa	2160
aacaacctca	gggctcccat	tgattctata	ttacagttag	ttgtatcatt	atttcattct	2220
atattacaat	gtaataataa	tagaaataaa	ggcacaatag	gccaggcgtg	gtggctcaca	2280
cctgtaatcc	cagcacttcg	ggaggccaag	gcaggcggat	cacgaggtca	ggagatcgag	2340
accatcctgg	ctaaaacggt	gaaaccccg	ctactaaaaa	ttcaaaaaaa	aattagccgg	2400
gtgtggtggt	gggcacctgt	agtcccagct	actcgagagg	ctgaggcagg	agaatggtgt	2460
gaacctggga	ggcagagctt	gaggtaagcc	gagatcacgc	cactgcactc	cagcctgggc	2520
gacagagcga	tactctgtct	caaaaaaaaa	aaaaaaaaaa	aaagaaataa	agtgaacaat	2580
aaatgtaatg	tggctgaatc	attccaaaac	aatcccccca	cccagtttca	cggaaaaatt	2640
ctcccacaaa	accagtcctt	ggtgccaaaa	aggttgggga	ccgctaattc	aaataatcta	2700
atcttcattc	aatgctaaaa	aatgaataaa	ctttttttta	aatacacggt	ctcactttgt	2760
tgcccaggct	ggagtacggt	ggcatgatca	cagctcactg	tagcctcaat	caccaggcc	2820
ccagcgatcc	tcccacctaa	acttcctgag	tagctgggac	tacaggcacg	caccaccatg	2880
cccagctaat	ttttaaattt	tttatagaga	tgggggtctc	accatgttgc	ccagactggt	2940
ctcaaaccct	gggctcaagt	gacctccct	caaactcctg	gactcaagtg	atcctccttc	3000
cttggcctcc	caaagtgtctg	ggattacaag	catgagccac	tgtaccacgc	tggataaaca	3060
ttttaagtcg	cactacagtc	atggacaatc	aggcttttca	acatgcagta	tggacagtga	3120
gtcccagggt	ctgcttttcc	atactgaaat	acatgtgata	ctaaggagaa	aggtgctcgc	3180
aaggatatatt	aaaatgaaga	atatttataa	tgaggaaaaa	actgtttctt	catgactttg	3240

ataaggctga	taaagaccat	ttctgtgatc	tcaggtgatt	cactcaagta	gtatatattca	3300
gtaatcatta	tctggaacag	cctgaatctt	aacccaaata	ccatgatttt	ttaatgctgt	3360
tatgatacct	tgatgatatg	accaaactgc	aatgtaggca	gctaaatctc	cacgagtttg	3420
acttccccga	gagttgacag	ttttcttcac	aaattaaaga	aataatattt	ttgatacatg	3480
attggcatat	ttaaaaacta	cactgaaatg	ctgcaaaatg	atataaagaa	acattttcca	3540
gaatcaaag	caatcaaaga	gtggattagg	aatctactca	ccattatcaa	ctaaatagaa	3600
acacttggac	tgggtgtggt	ggctcacatc	tgtaatctca	gcactttggg	aggccaaggc	3660
aggtggattg	cttgaggcca	ggagctcaag	accagcctga	gcaacatagc	aaaactctgt	3720
ctctacaaaa	aaaaaaaaaa	attaaccagg	catggtggca	gatgcttgta	atcccagcta	3780
ctctggaagc	tgaagtagga	ggactgcttg	agcccaggag	atcaagactg	cagttagaccg	3840
tggtcatgct	gcgccacagc	ctgagtgaac	gagagagacc	ctgtctcaaa	aacaaaaaca	3900
aacaaaaaac	acttaacctt	cctgtttttt	gctgttggtg	ttgttggttg	tttgttttga	3960
gatggagtct	cactctgttg	cccaggctgg	agtgcagtgg	cgtgatcttg	gctcactgca	4020
agctctgcct	cccgggttca	cgccattctc	ctgcctcagc	ctcccagagta	gctgggacta	4080
taggcgcccc	ccaccacgcc	cggtactttt	tttgcatttt	tagtagagat	ggggtttcac	4140
cgtgttagcc	aggatggtct	tgatctcctg	acctcgtgat	ccacctgcct	cggtctccca	4200
aagtgctggg	attacaggca	tgagccaccg	cacccggcca	acctttctgt	tttttagttt	4260
gatatgcttg	ttaactcagc	agctgaaaga	atgctgaaag	tggccttcag	taaaaaaatt	4320
tcactagaat	ctctacatcc	atattttaatc	tgaatgcata	tccagattga	tcagttagag	4380
caaaaacact	catcatcatt	cctgatgacc	tctaattctg	gtttcggctt	tctatttcaa	4440
tggaaacaga	ataaggaaag	aaatggaagg	gctctggaaa	tttgtcctgg	gctatagata	4500
ctatcaaaga	tcaccaacaa	taagatctct	cctataaata	taaaacaagt	ataattaatt	4560
ttttaattat	ttttttctct	tcagaggatt	ttatttcaag	ataaaacata	acttctaccc	4620
atactattga	ttccaaaggt	tagaaaaagt	gtttttcctc	atcttatcct	tcaaagaggt	4680
cacagcaatg	caaacatcta	taaaatgcct	ctgcataatt	gtcagaagct	atagtccaga	4740
aatcattgaa	aatgcttttc	catttttaagc	ttaggtgagg	tgtcttagga	aacctctatg	4800
acaacttact	ctatttattg	ggaggtaaac	tcccagactc	tcccagggtc	tcctgtattg	4860
atctcatttt	ttaggcttcc	taatcccttg	aagcacaatc	gaaaaagccc	tggatctctt	4920
ttctgcacat	atcatcgcg	aattcattcg	gcttccagca	agctgacact	ccatgataca	4980
agcggcctcg	cccttctccg	gacgccagtc	cttgctgcgg	ttagctagga	tgaggggttt	5040
gctgggcttc	agtgcaggct	tctgcgggtt	cccaagccgc	accaggtggc	ctcacaggct	5100
ggatgtcacc	attgcacact	gagctcctgg	caggctgtac	caatttttta	attattttaa	5160
atttattttt	aaaattatgg	tgaatatttt	ggtattctgc	tctaaaatag	gcccataaat	5220
gcacagcaga	tatctcttgg	aaccacagc	tttccactgg	aagaactaag	tatttttctt	5280
ttaaagatgc	tactaagtct	ctgaaaagtc	cagatcctct	acctctttcc	atcccaaact	5340
aagacttgga	atttatgaga	gatctagcta	acagaaatcc	cagacacatc	attggttctt	5400
cccagagtgc	agtcctccta	aagaggctca	gccctaagca	ggcccctgca	ccaggagggt	5460
gggtctgaga	cccacatagc	acttcccag	gtgcatgctc	cagagaggca	ctgaaacagc	5520
tgagcacaag	cctgcaagcc	tggagaactc	tcacagttag	aacggagggg	gcccagtggt	5580
actaacataa	agagaaaagg	gaacacagag	aaatggatgg	caccaacaac	cagcaaagcc	5640
ttcatggcca	atgaaagcat	cagtgcaggg	gccagaaccc	tcattcccaa	agactcttca	5700
ctgcctttag	tgaaaaacaa	tggctagaga	gtgaagttag	gatcatgtat	agagaggtaa	5760
agttacattt	ttatatcttg	actctgctaa	tgtgaaattc	cctatctgct	agactaaaag	5820
tttcagacac	cctgttcaaa	tatcccatta	gttgcttagag	acttaaaatg	aacagaacgc	5880
acattgtcag	gatgactatt	acaaaaaat	caaaagacag	caagtattgg	tgaggatgta	5940
gagaaactgg	aacttttgtg	cactgtttat	gagaatgtaa	aatggagcag	ctgctgtgga	6000
aaagagtatg	caggttcttc	aaagagtaaa	accaagatgt	ggaaacaact	aaatgcccac	6060
cagtggatga	aggggttagac	aatatgtggt	atatacatat	catggagtac	tattcagcct	6120
ctaaaaaaaa	aaaaggaaat	tctataacat	gcaacagcat	ggatgaatct	tgaggacatt	6180
ttgctaatag	aataaggcag	tcatagaag	acaaatactg	cacgactcca	cttatatgag	6240
ataccaaaaa	tagacaaatt	catagaatca	aagagtacaa	tggaggttac	ctggagctgc	6300
agggcgggaa	acgaggagtt	actaatcaac	gaacataacg	ttgcagttaa	gtaagatgaa	6360
taagctctca	agatcagctg	tacaacactg	tacctagagt	caacaataat	gtattgtaca	6420
cttaaaaaat	tgttaagggt	agattaacaa	atgtagtaga	tccacaaatg	tggttaagtg	6480
ttcttaccac	agtaaaataa	aaaaagaata	tcaagcccag	gagttcgaga	ctagcctggg	6540
taacatggtg	aaaccctgtc	tctacagaaa	atacaaaaat	tagccagctg	tggagggtga	6600
ctcctagggg	ggctgagggt	ggaggccttg	ttgagcccag	gaggtcaagg	ctgcagttag	6660
ccatgattgc	accactgtac	tccagcccag	atgacagagc	aagacaccac	cccccccaa	6720
aaaagaaaaa	gaatatcaaa	catttttaaaa	gatcagatac	gcaagaacaa	caacaaaaaa	6780
gagatgaaca	gagcatcgac	cctcatctag	tgggattctt	ggtctaactg	aaaaacagac	6840
attgagagac	aaacaatgac	agtgatgtga	tcacagcaat	tacacaggta	tcccctgggg	6900
actgcagaag	aaaggaggaa	tgcctaactt	tcagaaaata	gagaaagcgt	caaacagttg	6960
gtgaaagcct	tccaaaacta	gagagaactg	cacacaccaa	atcacagaaa	gaagaaaagc	7020
cgtgggagat	tctgggaccc	accggctatt	tttgatggct	gaacaccctg	ctgcaggaga	7080
gacaggagct	ggaaagcatg	gtgggatgaa	acctcaaaca	gctttgcctg	cattgcttaa	7140

gatgactggg	cttgattaac	tctagtcaat	ggggacaatt	caatcaaaga	agaaagatgc	7200
tcaaattcac	attttagaat	gattttttat	ggcagtatgg	ggaatagatt	aaaagagagt	7260
gaagctggag	gcaagaaact	tgtaagagg	caactgaaac	agtctagatg	ataaataata	7320
aactgacaga	gtgactagaa	aaatcagaac	aggctgaatc	aacagatacc	tagatgaaaa	7380
taacaggact	tgatcaccag	ttgtatcttg	gagaggaagg	agttgtttcc	ttgctttccc	7440
tacgactggg	aatacggag	gtttgccgtg	tgtattgggt	atatactgg	gtgtagccaa	7500
tcactgacaa	ccatttagca	gcttaaaaca	caaaggctta	tctcccagtt	tctgtgggcc	7560
aggaatctaa	gataggctta	gctggctgg	tctggctcag	agtttctcaa	gaggttgcaa	7620
tcaagatgtc	agctgggggt	gcacatctg	aaggctcaac	tggggccgga	gggtccactt	7680
ccaaggagtt	cactcacctg	cctgacaagg	cagtgcctgg	tgttggcagg	agatctcaat	7740
tcattgccaa	gtgagcctct	ctatagcatt	gctggaacat	cctccccatc	tggcagttgg	7800
cttctctcag	catgagtgat	ctgagagaga	gagcaaggag	gaagccacag	tgttcttcc	7860
actcctactc	ctaacactat	ggacctactc	ctaacactct	cacttctgcc	ttattccatt	7920
agttagaaag	ggaactaagc	tccacctctt	gaaataagaa	gtgtcaaaga	atttgtggat	7980
atatttaaaa	atcatcacac	tgtggaagtg	gatagggggg	tcaattaatg	ctgaacttga	8040
aatgcctgag	acattcaaat	gtccaacagg	caatgaacat	acccatagat	ggtcatgact	8100
ttagcaagaa	tagaggaaga	tcacagaatt	aaggaggaat	tgaaaggtaa	aagaagtgga	8160
gtcagattcc	ccctgaaaag	tgagccatga	aaggaaactt	aactattgag	ttagaggtca	8220
gagtaggaaa	tttcgggtgga	attctttttt	aaagaaagga	accatataag	catgttttga	8280
ggtagaggga	gaataaatca	gtagacaggg	agaggtaaaa	aacataaatg	ataggggata	8340
gttgacaaa	gtcttggcag	aatcccttac	ccattgactt	ggggccaaga	gaggggacact	8400
tctttgtttg	agggataagg	aaaataagaa	agaatgggtg	ctatttagtg	tggctcctgtc	8460
tctagggcaa	acgcataagg	aacaaactgt	gtgtgttagg	aatatagatg	tgacctcaca	8520
ttgagattct	cacctcaaat	ccattttgtt	gttacctgta	ccttcctacc	ttctcttttt	8580
gctacatgca	gactgctggt	ttgtcttcc	ggcctgttcc	aggtttcagc	attctggcat	8640
atctgctacc	ctgttcccaa	acctctctag	agtccatgct	ccttccttgg	atagtgtttg	8700
attggggccac	gtatctaaga	agtgatgcct	tcagttaggc	ctgagaacct	cctctatgga	8760
aatctccatc	agtgacctg	acagacttgg	tatcttggag	atgtcactgc	tcccagcctg	8820
tgggtctagga	gaatctcagc	ctgggcctct	agtagtatgg	ataaggcggt	aagggtatctt	8880
tgaaccagag	tctgtcatat	tcctcaatgt	gggacagata	aaacagtgg	agtgcctgg	8940
tttctgagct	agaactctgg	tttttgggtc	agattccttg	atgtatgacc	tttcagaggt	9000
attaaaattt	gttctaatac	aatgttcaat	acaaatgtag	ttccttttct	gttaggacct	9060
caacaaaaca	tgaccaactg	tagatgaaca	ttaaactatg	acaattcatg	gaaatgaata	9120
cagtaatacc	tgcggttccc	ccatttttagc	agtcactatg	gtgacatttg	gcacaaaatgg	9180
ctattttaagg	gtgcttttgt	taaaacctac	catcttacta	ggcacatgat	attgaaacta	9240
atgaaataat	ggagaaaactt	cttaaaaact	tttaatgaat	aaagtgatga	agtgataata	9300
tttttagctgc	tatttataaa	gtgactatta	caggtcaaac	attcttctag	ggtttttttg	9360
ttgaagttgt	cacatttaat	ccttaataac	ccactatgag	tcaggtattc	ttctctcccc	9420
tttggacagt	tggggaaatg	ggggtcagag	agggttaggta	atttgctcag	ggccacacaa	9480
cctgcatgta	gaaaatctga	gatttgtaca	ggaacgtatc	aaactctgaa	gtccatgctt	9540
ctattttccc	atgctgcctt	tctaataaaa	ggtaactaat	gctactggat	gctgccccca	9600
aagtgagtca	ctttcacccc	acctacttg	attttctcca	taaaactaat	cacatcctga	9660
caacttattt	attgctgac	tccccacta	gattataaac	tcaataaaaag	caagatcctt	9720
gtctgctgaa	tatcagtacc	taaaacgctg	tctagcacag	agcaagtaat	taatatttgt	9780
tgaatgaaca	aataaaggaa	aaaaattcaa	aggaagaaaa	agccctaaaa	cagatgttta	9840
cctaaacata	catttttaaaa	gaaagcatat	aacaaattca	ggacagaatt	taaatttgat	9900
tttttaaaaga	aataaccaag	tgctagctgg	gcacagtggc	tcacacctgt	aatcctagca	9960
ctctgggagg	ccgaggcagg	cagatcactt	gaggtcaaga	gttcaagacc	agcctggcca	10020
acatgggtgaa	acctgtctct	actaaaaata	cagaaattat	ccaggcatgg	tggcaggtcc	10080
ctgtaacccc	agctactcag	gaggctgagt	caggagaatt	gcttgaaccc	aggaggcaga	10140
ggttgctgag	ggccaagatt	gcaccactgc	actccagcct	gagtaacaaa	gcaagactct	10200
gtctgaagga	gaaggaaaga	aagaaggaaa	gaaggaaaga	aggaaagaag	gaaagaagga	10260
aagaaagaaa	gaaagaaaga	aagaaagaaa	gaaagaaaga	aagaaagaaa	gaaagaaaga	10320
aagaaagaaa	aagaaagaaa	gaaagaaaga	accaagtgtc	tatttgggac	ctactatgct	10380
atgtttttcc	atgcacgcta	ttttcagtaa	agcagttagc	aaacttgcaa	gatcataaca	10440
acaaatatat	gcttctataa	ctctaaaatt	gtgctttaag	aagtctctct	ttaccagctc	10500
atgtatgcat	tagttttcta	agagttacta	gtaacttttt	ccctggagaa	tatccacagc	10560
cagtttattt	aaccaaagga	ggatgcttac	taacatgaag	ttatcaaagt	tgagcctaag	10620
ttgggcccagt	tcattgtta	atactccaga	acaaaaacca	tcctactgtc	ctctgacaat	10680
tttacctgaa	aattcatttt	ccacattacc	aaggagccag	ggtaggagaa	tatagaaaga	10740
ccaccaaga	atccttactt	ctttcagcaa	aatcaattca	aagttaggtaa	ctaaacacat	10800
gccctaacaa	tgaatagcag	attgtgctca	gaagaatgat	ctacaacatc	ttactgtgaa	10860
ggaactactg	aaatattcca	ataagacttc	tctccaaaat	gatttttattg	aatttgcatt	10920
ttaaaaaata	ttttaagcct	aaatttttaa	aggttttgata	ttgggtacatg	aatagacaaa	10980
cagacatgga	ctagaccaag	aattaggttc	aaacatatat	aggaatttaa	tatacgataa	11040

atctagtatt	ccaaaggaac	caacaaatgg	tgttcagaca	gcaggatagg	catcaggaaa	11100
aacacagttg	ggcaccctac	cttactccta	acaccaggag	taactgaagg	agcaccaaat	11160
atattatttat	tttaattata	gttttaagtt	ctagggtagc	tgtgcacaac	atgcagggtt	11220
attacatagg	tatacatgtg	ccatgttggt	gaggagcacc	aaatatttaa	aagaaaaaaa	11280
ttggccaggg	gcggtggctc	acacctgtaa	tcccagcact	ttgggaggcc	aagggtggga	11340
gatcacctga	ggtcgggagt	tcgagaccag	cctgagcaac	atggagaaac	cccatctcta	11400
ctaaaaatac	aaaattagcc	aggcatgggt	gcacatgcct	gtaatcccag	ctacttggga	11460
ggctgaggca	ggagaatagc	tttaatctgg	gaggcacagg	ttgcgggtgag	ctgagatatt	11520
gcactccagc	ctgggcaaca	agagcaaaac	ttcaactcaa	aaaaattaat	aaataaataa	11580
aaataaagaa	agaaaagaaa	aaaatgaaaa	tagtataatt	agcagaagaa	aacaccgtag	11640
aatcctcggg	ctcttaggat	ggggaatgcc	tataatataa	aaaccctgaa	gttataaaaag	11700
agaaaatcac	ctacatacaa	accaaatctt	tctacatgcc	taaaacatag	cacaaacaca	11760
gctaaataat	catagctgaa	tgaactggga	aaacaaaact	tgactcatat	ccagacagag	11820
ttaatTTTTcc	tacacataaa	gagtacctat	ataaacccaa	caaaaaaac	accactaacc	11880
caaaataaaa	atgtgacagg	taatgaacag	gtagttcaca	gagaatacaa	atggctcttc	11940
ggcacataag	atgctcagac	tgactttttac	ttattttatt	tttgagagac	agggtctcac	12000
gatgttgccc	aggttaggct	caaactcctg	ggctcaaatg	atagtaccag	gactacaggt	12060
gtgccccacc	gcacctggct	cctcaaccac	ctgtattaac	aggaaatgca	aaataaaaact	12120
ttcaaatcta	ttttacctat	tagaatggca	aaaatttgaa	aaacttcaaa	catcatcatg	12180
ttgggtgagaa	tgtgaggaga	ctggcactct	catttttttgc	tgatagcata	tatatactga	12240
tggcttctat	ggaaagcaat	ctggcagcgt	ctatcaaatg	tacaagtgca	tatatacctt	12300
gacaaagcaa	ttccactcta	ggaatgtgtt	ctatatgggt	gtgcttcctg	gggctgggaa	12360
ctgggagcta	agggacaggg	gcagaagata	atcttctttt	ccctccttcc	ccgttaaaca	12420
tgttgaaattt	tatatactgt	aatatatatt	ttttcacaaa	agataatttt	taagcgatat	12480
gtctgggaat	tttttttttt	cttttctgag	acagggtctc	actctgtcat	ccaggctgga	12540
atgccatggg	atgatctcag	ctgactgcag	cctcgacctc	ctgggttcaa	gcaatcctcc	12600
cacctcagcc	tcttgagtag	ctgggactac	aggcacgtgc	catcatgcta	attttttgtat	12660
atacagggtc	tcaactatgtt	gcccaggcta	atgtcaaaact	cctagggtca	agcaatccac	12720
ccacctcagg	ctccaaagtg	ctgggattac	aggcgtgagc	caccgcgcct	ggccctggga	12780
attctttacaa	aagaaaaaat	atctactctc	cccttctatt	aaagtcaaaa	cagagaagga	12840
aattcaacct	ataatgaaag	tagagaaggg	cctcaaccct	gagcaacaaa	cacaaaggct	12900
atctctgaga	caggaatttg	ctgaacaaaa	tcgagggaag	atgacaagaa	tcaagactca	12960
cttctcgggt	gggcgcagtg	gctcacacct	gtaatcccag	cactttggga	ggccgaggcg	13020
gacagatcac	gaggtcagga	gattgagacc	atactggcta	acacagtga	acccagtctc	13080
tactaaaaat	acaaaaaatt	agccgggctg	ggtggcaggt	gcctgtagtc	ccagctactt	13140
gggaagctga	ggcaggagaa	tggcgtgaac	ccagggaagcg	gagcttgagc	tgagccgaga	13200
tcacgccact	gcactccagc	ctgggtgaca	gagcaagact	ctgtctcaaa	aaaaaaaaaa	13260
aagactcatt	tctctagatc	ttgagccgta	ttcaaattta	tctcagctta	gtgagaggtt	13320
aaagcaagga	atatccttcc	ctgtgggccc	tgctccttac	tgaagggaag	taacggatga	13380
gtcaaggaca	ccaatggaga	aaagcactaa	caccattatc	tgatgaacat	tacgtgaaga	13440
agggtaaaga	gtgaagtggg	attgctgaag	aagtcagtga	aagcggacat	tcatttgggg	13500
aaatggaata	taggaaatcc	ataaaagtga	ttaaaaagat	gttagaggct	gaggcggggg	13560
gaccacaggg	tcaggagatc	gagaccatcc	tggctaaccac	ggtgaaaccc	catctctact	13620
aaaaatacaa	aaaattagcc	aggcgtgggt	gcaggcacct	gtagtcccaa	ctactcggga	13680
gactgaggca	ggagaatggc	atgaacctgg	gagacggagc	ttgcagtgag	ccgagatcac	13740
gccactgcac	tccagcctgg	gtgacagagt	gagactccat	ctcaaaaaaa	aaagttagat	13800
acgagagata	aagatccaac	agacacacaa	ctgctaattc	tgaacagaac	aaaacaaatg	13860
gcacaggaaa	agaaaattta	agatataaca	ccggaaaact	ttcctgaaat	tgagtaactg	13920
aatctatagc	ttgaaagggt	ttagcatatg	ccaagaaaaa	tcagttagagt	ccaaccagca	13980
caagacacat	ctagcaaggc	tggtgattct	accaacacag	agaaagaagt	gggtgaccga	14040
taatgcggaa	aaaggcagac	catctgcagt	cttctccaga	acactggagt	ctgaagacaa	14100
aagaatgctg	cctactgagc	cagaagggag	agaaagtga	ccaacacatc	tttaccaagt	14160
tagaatgtca	cgcattattt	aaaggctgca	aaagccatga	aagacatgaa	agaacacaag	14220
cattttacaac	atgaaagaac	acaagcattc	tcataactca	gaatccttaa	gaaaaatgta	14280
gtcctaatacc	agcccactga	aagttaaattg	tactttaattg	gctcattaat	gggaacttca	14340
tagcttcaaa	tcagtctgggt	cccatctacc	aacatctctc	gcccggcttt	cctgcaatag	14400
tcagcacctt	tccctcctcc	cagtcttgct	ccctggagtc	tgctctcagc	atagcagagt	14460
gaccacatca	acaccaagct	cagagccctc	cagtgcgcac	tggtctacaa	agcccttccc	14520
acccccacc	ccacgtgccc	tccggatcct	tgtgacgtgt	ctcctgcata	ccctagcagc	14580
cctggcctcc	tcaactgccc	tctgtacat	caggaaggcg	actccttgag	tcttggctct	14640
ggccgcctcc	tccacctgca	gtgagttaac	tcccttacct	actctaggct	attgctcaaa	14700
tgctcagcatc	tcaatggggc	cctccctgac	taccctatct	aaattctaca	tactccccct	14760
gaccccatgg	acctcactca	ccctattcca	cttttattct	tacaatttag	cacttggtct	14820
cttctaacgt	attctaagac	ttactcattt	attacattgt	ttgccacccc	ctctagtaca	14880
taaactccag	aggggcaggg	atttctgtct	atttattcat	ttctttatcc	ctaggacata	14940

gaacagggca	tagttcagag	tattcaatgt	tatcaatgaa	tgaactagca	gtagtaccag	15000
ttccaggttag	gcacagaatt	aaatctaaat	agaattaaat	ctcatgggtct	gggttaacta	15060
tggatagaaa	attagatata	attttaagaa	gcctagaaa	aaaaaattaa	taatgtaaaa	15120
ataatattaa	tttgataata	ataacaaaaa	ctctgccagg	cactgtgggt	caaactctgca	15180
atcccagcta	ctcaggaggc	tgagggtggaa	ggatcacttg	agaccagagt	tcaagactca	15240
gcctaggcaa	cacggcaaga	aactgtctct	aaaaaaatta	aaacttaaat	ttttaaaaaa	15300
gaattctcaa	agcgtcacaa	aaactggaga	ttaaggtaca	ggaagtgtga	agtaaatatta	15360
ctatgcta	ggtttttttt	tttttttagaa	aggtataacc	aaaagatttc	tttctcaagt	15420
cgataaactg	agaaagataa	gcatactctc	caattaacag	agggggaggga	aaagccagat	15480
acaacaaaat	aagatataaa	ttagttttcca	gttgaaaaca	agagtaggag	ttattttgca	15540
tcacctcacc	tgtgacctcc	cccagcccaa	aaaacactac	tgataaacag	ggtagaaaag	15600
catcatctca	gataaagcag	gaaaaactgc	cacagtctca	aaccacaaac	tataagcaca	15660
cacctggcca	accctgcca	gtctggggtc	agtaggagga	acgtgctgag	agctaggatg	15720
taccaactta	gacattctgt	gggatacaga	tgcccttgga	agggtcacac	catctcaaag	15780
gcacctgtaa	tgcccactga	ttacagccac	catatgtgag	agagaaactc	agggcactta	15840
gagagtataa	caagaacctt	atgtcatctg	agatgaggaa	tcctcagccc	tgcaaattaa	15900
ccaactcttt	agaacaactg	gcaaaacata	aatatccaca	acttttggtt	cagtaattcc	15960
actcttagat	atcaatccaa	agtacatgag	acagcagata	cacacacaaa	atggtattta	16020
ctgcagcatt	gtttataata	gcaaaaaaca	agaaataatc	catatgtctc	aataggatac	16080
tgggtacatg	aggggtatgta	cccatcattc	aaccatcaaa	aagagtgtga	tggatgtcca	16140
cagatggaca	taaaaagctg	tgtgttacgt	gaaaacaaac	tcaagcagca	gcaggatggg	16200
cttatgatag	tcagtatgag	ctaatttctg	gaaaaaaaaa	tctagtgtgt	gcacagaaaa	16260
catctgaaag	aacagaaaca	aaactatcag	cagaatattg	agatgtttta	ctaagttgta	16320
tatctatact	gcttgtaatt	tttaccceca	gcaagaatta	cttttttgga	aaagaaaatt	16380
caggaaataa	agcatttctt	taaacttcat	gtttaaacia	atggtgatgg	aataaaagag	16440
ttcttattca	tcataaacac	acacagcaca	catgcacgca	tgtgcgtgag	cacacccttt	16500
acttgataaa	taccatgttg	aatatttttag	tctttccttt	taggttctat	cccttcactc	16560
aaaatgcggt	tataaataaa	tgtacttttc	atgtgccttc	tgccataacc	cactttaata	16620
taactttaca	gtcccattat	cattatagtc	tcaaagctag	actcagcctg	aaactaccct	16680
ttcatttgga	acccttatta	aaatgccaca	tacagctcct	tcaaataaaa	acaaacccta	16740
ggacctgaca	ctaggcttcc	tttggttgcta	ctcataatgg	ccaagtctctg	tgcttataat	16800
acatcttctt	tcatttttatt	gctacatatc	caagggtttt	atatgttttt	cttattatat	16860
cttaattcaa	aacaccatca	cgctcttttc	cagatgaaaa	taaggaaaag	aaattgagca	16920
actgactgac	ttaaagggtca	taaaactata	tagtagcaga	gtcagcaaaa	gaagaaacac	16980
acatctccca	agtagagggt	gaaaaccagt	accattcacc	tccagggtga	gctatataca	17040
gattacaaag	tcaccttctc	taaatgttca	aactgaatcc	catacccata	ctttaccact	17100
acctcgtaag	aacagcctca	gatcttggtta	tagccttttt	tttagcatgc	tgaagccaat	17160
aaaatgcttc	ccattcagca	agagaaacaa	gttctgaaac	actgaataat	ctgcccaggg	17220
cctatgaaca	tttccactgt	gagaaatggt	ctccactgtg	tggagaagat	ccttactctt	17280
ctccacacag	gcagaacatt	agaaaaatc	ttggattcta	tgatgcacag	cttaggagtc	17340
tgtttagcac	aattttaagtc	caaatagtta	ttaaatcttc	ctctgttcca	gaaacagtgc	17400
taaatactgt	gaatataaaa	attgaaaaga	tactctctctg	gctcccaaga	aagtcagcca	17460
gatagaggag	acacaggcac	acaaatcact	gtcacatgaa	gctctacctc	cctaacttca	17520
aacgagggcc	taagtcacca	agaatacagt	agcagttgtg	actacgagta	actactataa	17580
ttcaatactt	tatcttccct	tagaaaactc	ttctcccttg	gaaatttatt	tgcatthcta	17640
aataccatct	cttactaaaa	ggaagcaggg	ctccttgggg	aaatagctga	ttctaggtgt	17700
ggactatgaa	atgaaaatgg	tgagtctggg	acatcccatg	ttgcccagaa	atcaaggaac	17760
tgcccaaaga	ttaacagagt	catgttaaat	ggacctaaaga	gtgaaccaga	aggagctcac	17820
tttgccccgc	gtggaacaat	ttcaagaaaa	acatgacagt	aatgaattat	aaaacatgaa	17880
ttaaaataca	tattggtact	aaaaagagaa	caaaaggatg	tggcttttga	taaagctctt	17940
cttcatggaa	gaataccagc	taataaatgt	aaaggaaatg	agagaattag	aaaaattatc	18000
atthttgtaaa	ccttaatatata	ttcacctaga	catgctaaaa	ccactgagta	aaaggctgct	18060
tgggaagagg	atgctcacat	gatctcagag	tttcacacca	cagataatth	attagataca	18120
ggaagggaaga	tgtgatcaag	cttctctgtga	ccccagcca	ggccccacaa	cactatgtgc	18180
ctccttgtga	tgtgggagct	acacagcatc	gcccacacag	cttctcgcca	aaactgtttg	18240
aagctaataca	caagggaaga	actggacagc	ttctgaccat	gagacgctcc	accagacaac	18300
ttgcttgggc	tctccaaaga	aacttgcttg	gcctctccaa	agaaaactca	gtttcattta	18360
aaaacaaaac	taattatttt	aaaacaaacg	aaaagcaagt	tgtggacttg	agctccaggg	18420
acagagcaga	catacttttc	cctgttcttc	ccagtaagtg	gtaataaaaa	ccctcaacac	18480
tagatataaa	acaaatataa	gaagggtctg	gaagggggaag	aggaggcaga	ctatccagggt	18540
gccttgaggc	ccacagaaca	accagtgat	gggttctactg	ggtcttcttt	ttgcttcatt	18600
atctcagact	tggagctgaa	gcagcaggca	acttcaaaaac	accaaggggc	acagattgaa	18660
aagccccaag	aaaagcctgc	cctctctagc	caaaggacca	ggaaggagac	agtctaataga	18720
gatggaacac	atthtagacag	taactgcca	tttaccagca	ataactgagc	agggagccta	18780
gacttccagt	cttgtgagga	cgtaccaagg	taccaaacac	ccccaccaag	gctgagtaag	18840

gactgcgact	tttatccctg	catggcagta	gtaaggagcc	catccctcac	ccgccagcag	18900
tgtagggga	acctggactt	ccactcccac	ccaggagtga	tgaggccctc	cctgctgggg	18960
tcatgtcaga	ggaggcctag	tggagattca	gtgacttaac	cttttcccag	agataatgag	19020
gccacctttc	ctccctcttc	ccccatggtg	acagtgaaag	cactgtggca	agcagtaggc	19080
actcctaccc	ctcctagcca	gggagggtatc	agggaggcca	agtagggaac	cagaataccc	19140
acaaccaccc	agcagcaaca	ggggtccccc	accccatagg	gtgtcaatgg	aagcagagcg	19200
gaaagcctgg	atatttacc	ccatctagaa	gtaacaagct	gatgtccccc	ttcttctact	19260
acaatgggtg	tcaaaacagg	tttaaataag	gtctagagtc	tgataacgta	ataccctaat	19320
cgttgaagtt	ttcattgagg	atcatttata	ccaagagtca	ggaagatccc	aaactgaaag	19380
agagaaaaga	caattgacag	acactagcac	taagagagca	cagatattag	aactacctga	19440
aaggatgtta	aagcacatat	cataagcctc	aacaggctgg	gcgcgggtggc	tcacgcctgt	19500
aaccccagca	ctttgggagg	ccgaggcagg	tggatcacia	gatcaggaga	tcgagaccat	19560
cctgggctaac	acgggtgaaac	cccgtctcta	ctaaaaatac	aaaaaaaaaat	agcaaggcat	19620
gggtgggtggc	acctgtagtc	ccagctactc	gggagcctga	ggcaggagaa	tggcatgaac	19680
ctgggaagag	gagcagttag	ccgagatcgc	accacgcac	tccagcctgg	gcaacagagc	19740
aagacttcgt	cccaaaaaaa	aaaaaaaaaaa	aaaaaaaagc	ctcaacaaac	aactacaaac	19800
gtgcttgaaa	caaatgaaaa	aaaaatcttg	gcaaagaaat	aaaagatata	tatttttggcc	19860
aggtgcagtg	gctcacagcc	tgtaatccct	gcactttggg	aggctgaggc	aggcggatca	19920
cctgagggtca	ggagtttgag	accagcctga	ccaacatgga	gaaaccccg	ctctactaaa	19980
aatacaaaat	tagccagtca	tgggtggcaca	tgctgtaat	cctagctact	caggaggccg	20040
aggcaggaga	atcgcttgaa	ctcaggagggt	ggaggttgcg	gtgagccgag	atcccgccat	20100
tgacatttgc	actccagcct	gggcaacaag	agcaaaactc	catctcaaaa	aatagatac	20160
atattttaat	ggaaatttta	gaattgaaaa	atacagtaac	caaattgaat	ggaaagacaa	20220
catagaatgg	aggggggcaga	caaaataatc	agtgaacttc	aacagaaaat	aatagaaatt	20280
acccaatatg	aagaacagaa	agaaaataga	ctggccaaaa	aataaagaag	aaaaaagagg	20340
agcagcagga	ggaatgatgg	aaaaagagaa	aggaagggaag	gaagggaagg	agggaggga	20400
ggagttaggg	agaaagtctc	aaagacctct	gagactaaaa	taaaagatct	aacacttgct	20460
atcagggtcc	aggaaagaga	caaagatggc	acagctggaa	acgtattcaa	aaaataatag	20520
ctgaaaactt	cccaaatttg	gcaagagaca	taaacctata	gattcgaaat	gctgaacccc	20580
aaataaaaag	cccaataaaa	tccacaccaa	aatacatcat	agtcaaactt	ctgaaaagac	20640
gaaaagagaa	aacgtcttga	aagcagttag	tgaaacaaca	cttcatgtat	aagggaaaaa	20700
caattcaagt	aacagatttc	ttacagaaat	taagggaagc	agaaggaaat	gacacaatgg	20760
ttttcaagtg	ctgaaagaaa	agaagtgtca	acacaaaatt	ctagattcag	taaaaatata	20820
cttcaagaat	caatgggaaa	tcaagacagt	ctcagataaa	gcaaaaataag	agaatatgtt	20880
gccagcagat	ctcccctaaa	ggaatggcaa	aaggaagatc	atgcaacaga	ccaaaaaatg	20940
atgaaagaag	gaatccagaa	acatcaagaa	gaaagaaata	acatagtaag	caaaaataca	21000
tgtaattaca	ataaaatttc	tatctcctct	taagacttct	aaattatatt	gatgggttga	21060
gcaaaaatta	taaccctgtc	tgaagtgtct	ctactaaatg	tatgcagaga	attataaatg	21120
gggaaagtat	aggtttctat	acctcattga	agtggtaaaa	tgacaacact	gtgaaaagtt	21180
acatacacac	acacacgtaa	gtatatataa	atatatgtgt	gtatatgtgt	gtgtatatat	21240
atatatacat	ataatgtaat	acagcaacca	ctaacaacac	tatacaaaga	gataataacc	21300
aaaaacaatt	tagataaatt	gaaatggaat	tctaaaaaat	attcaaatac	tctacaggaa	21360
gacaagacaa	aaagagaaaa	aaagaggagg	acaaactaaa	tttttttaaaa	acataaataa	21420
aatggtagac	ttaagcccta	acttatcaat	aattacataa	atgtaaatga	tctaattata	21480
tcaattaaaa	gacagagata	gcagagttaa	tttaaaaaaca	tagctataag	aaacctgctt	21540
tgggctgagt	gcagtgactc	acacttgtaa	tcccagcact	tcgggaggcc	aaggcgggtg	21600
gatcacctga	ggtcaggagt	tccagaccag	cctggacaac	atggtaatac	cccatctcta	21660
ctaaaaatac	aaaaaaatta	gccaggcatg	gtggcacacg	cctgtagtcc	caactactca	21720
ggaggctgcg	acacaagaac	tgcttgaacc	cgggcagcag	aggtagcagt	gggccaagat	21780
tgccgccactc	cagcctgaac	gacagagtga	gactccacct	cagttgaaaa	acaaaaaaga	21840
aacctgcttt	aaatatacca	acatatgttg	gttgaaatta	aaagaataaa	atatatcatg	21900
aaaacattaa	tcaaaagaaa	ggagtggcta	tattaataac	ataaaataga	cttcagagaa	21960
aagaaaattt	caagagacag	gaataaaagg	atcaagaaaa	gatcctgaaa	gaaaagcagg	22020
caaatcaatc	attctgcttg	gagattcaac	accctctctt	aacaactgat	agaacaacta	22080
gacaaaaaaa	tcagcatgga	gttgagaaga	acttaacacc	actgaacaac	aggatctaat	22140
agacatttac	ggaacactct	acccaacaat	agcaaaaataa	acattctttt	caagtattca	22200
ctgaacatat	ccttagaccc	taccctgggc	cataaaacaa	agctcactag	tgattgccga	22260
aggcttggat	ggacagtgga	agagctgcat	ggggaggggag	aaggtagacag	ttaaagagtg	22320
taggatttct	ttttgggata	atgaaaatgt	tccaaaattg	attgtggtga	tgttggcgca	22380
actctacaaa	tataaaaaag	gccattgaat	tgtacgtttt	aagtgggtga	aacatatggt	22440
atgtggatta	tatctaacgc	tttttaaaaa	cttaacacat	ttcaaagaat	agaagtcata	22500
cagagtgtgc	tctactggaa	tcaaactaga	aagaggtaac	tggaggataa	cgagaaaagc	22560
ctccaaatac	ttgaaaactg	gacagcacat	ttctaaaatc	atccgtgggt	caaagatatt	22620
catttctgat	attcattttt	attgtttaat	gtatttttaa	aaatttctta	agggaataaa	22680
actgactaaa	aatgaatatg	gctgggtgcg	gtggctcacg	cctgtgatcc	cagcactttg	22740

ggaggccgag	gctggtggat	cacaagatca	ggagttcgag	accagcctgg	ccaagatggt	22800
gaaaccccgt	ctcaactaaa	aaactacaaa	aagtagccaa	gcgcagtggc	gggagcctgt	22860
ggtcccagct	acttgggagg	ctgaggtagg	agaatcgctt	gaacacaggc	agcagagggt	22920
gcagtgagcc	aagattgtgc	cactgcacgc	cagcctgggc	gacagagact	gcctcaaaaa	22980
aaaaaaaaaa	aaaaagaata	tcaaaatttg	tgggacatag	ttaaagcaat	gctgagaggg	23040
aaattttataa	cactaaatgt	ttacattaga	aaagagaaaa	agtttcaaat	caatagtctc	23100
cactcccac	tcaagaacac	agaagatgaa	gagcaaaata	aacccaaagc	aagcaaaaaga	23160
aagaaaatat	aaaaataaat	cagtaaaatt	gaaaacagaa	acacaataaa	gaaaatcagt	23220
gaaacaaagt	actgattctt	cgaaagatta	ataaaattga	caaacctcta	gcaaggctaa	23280
caaacaaaaa	agaaagaaga	cacggattac	cagttattag	aatgaaagca	taattagaaa	23340
caactctaca	cattataaat	ttgacaatgt	agatgaaatg	gactaattac	tgaaaaaaca	23400
caaattacca	caactcacc	aatatgaaat	agataattgg	gatagcctga	taactactga	23460
gaaaattgaa	tttgtaattt	taacactctt	aaaacagaaa	cattaaactt	aatattttat	23520
aatatttaga	taaggtaatt	atacccttcc	ttaacaaata	aaaacgacaa	attattttgc	23580
agctaaagag	atgtatgtac	tgtgaaaaat	atcttcagaa	aaatagaact	ttgtttgaag	23640
aataaggatt	taaaaaatgt	ttttaactct	caagaagcaa	atatctgggc	ccagatgggt	23700
tactgaaga	attctaccaa	atgtttaatg	aagaattacc	accaactcta	catagcatct	23760
ttgagaaaac	tgaagagaag	ggaacatctc	ccagttcatt	ttatgaagtg	ggtgttactc	23820
tgatactaga	actgtataag	gacagctact	cttgacacac	tgcttatggg	tagctctgct	23880
ctgcaggaac	agtcagaaaa	aaaaaaaaaa	gaagcactgg	acaagggcag	tataaaaaaa	23940
gaaaactggg	ccaggtgcag	tggtcacac	ctgtaatctc	agcactttgg	gaggctgacg	24000
ctggtggatc	acctgagggtc	aggagtttga	gactagcctg	gccaacatgg	taaaaccctg	24060
tctctactaa	aatacaaaaa	ttagccaggc	agggtgggtg	ggaaaataaa	aaggaaaaaa	24120
aaacaaaaat	aaactgcaga	ccaatatcct	tcatgagtat	agacacaaaa	ctccttaaac	24180
tccttaacaa	aatattagca	agtagaagca	atatataaaa	ataattatac	accatgatca	24240
agtgggactt	attccagaaa	cgcaagtctg	gttcaacatt	tgaaaacaag	gtaaccact	24300
atatgaacgt	actaaagagg	aaaactacat	aatcacatca	atcaatgcag	aaaaaagcat	24360
ttgccaaaat	ccaatatcca	ttcatgatac	tctaataaga	aaaataagaa	taaaggggaa	24420
attccttgac	ttgataaagc	ttacaaaaga	ctacaaaagc	ttacagctaa	cctatactta	24480
atggtgaaaa	actaaatgct	ttcccctacg	atcaggaaca	aagcaaggat	gttcactctc	24540
attgctctta	tttaacatag	ccctgaagtt	ctaacttgtg	caaaacgata	agaaagggaa	24600
atgaaagacc	tgcagattgg	caaagaagaa	ataaaactgt	tcctgtttgc	agatgacatg	24660
attgtctcat	agaaaatgta	aagcaactag	gggtaggggg	gcagtggaga	cacgctgggt	24720
aaaggatacc	aaatttcagt	taggaggagt	aagttcaaga	tacctattgc	acaacatggg	24780
aactatactt	aatatatgt	attcttgaaa	atactaaaag	agtgggtgtt	aagcgttctc	24840
accacaaaaa	tgataactat	gtgaagtaat	gcatacgtta	attagcacaa	cgtatattac	24900
tccaaaacat	catgttgtag	atgataaata	cacacaattt	tatctgtcag	tttaaaaaa	24960
catgattttg	gccaggcaca	gtggctcata	cctgtaatcc	cagcatttta	ggaggctgag	25020
gcgagcagaa	aacttgagggt	cgggagtttg	agaccagaat	ggtcaacata	gtgaaatccc	25080
gtctccacta	ataatacaaa	aattagcagg	atgtgggtggc	gtgcacctgt	agaccagct	25140
acttgggagg	ctgaggcacg	agaattgctt	gaacaaggga	ggcagagggt	gcagtgagct	25200
gggtgccact	gcattccagc	ctggtgacag	agtgcagactc	catctcaaaa	aaaataaaat	25260
aaagcatgac	ttttcttaaa	tgcaaagcag	ccaagcgcag	tggtcatgc	ctgtaatccc	25320
accactttgg	gaggccgagg	caggcagatc	acaaggtcag	gagtttgaga	ccagcctgac	25380
caacatggtg	aaaccccatc	tctactaaaa	aatatataaa	ttagccaggc	atgtgtagtc	25440
tcagctactc	aggaggctga	ggcaggagaa	tcacttgaac	ccggaggcag	aggttgagct	25500
gttgagccac	cgcactccag	cctgggtgag	agaacgagac	tcctgtctca	aaaaaaaaag	25560
caaaaataacc	taatttttaa	aacactaaaa	ctactaagtg	aattcagtaa	gtcttttagga	25620
ttcaggatat	atgatgaaca	tacaaaaatc	aattgagctg	gacaaaggag	gattgtttta	25680
ggtcagtagt	ttgaggctgt	aatgcacaa	gattgtgcct	gtgaatagct	gctgtgctcc	25740
agcctgagca	gcataatgag	accacatctc	tatttataaa	aaaaaaaaatt	gtatctctat	25800
gtactagcaa	taagcacatg	ggtactaaaa	ttaaaaacat	aataaatact	gttttttaatt	25860
gcctgaaaaa	aatgaaatac	ttacatataa	atctaacaaa	atgtgcagga	cttgtgtgct	25920
gaaaactaca	aaacgctgat	aaaagaaatc	aaagaagact	taaatagcgt	gaaatatacc	25980
atgcttatag	gttggaatac	ttaatatagt	aaagatgcc	attttatcca	aattattaca	26040
caggataaca	ttattactac	caaaatccca	gaaaaatttt	acatagatat	agacaagatc	26100
atacaaaaaat	gtatacggaa	atatgcaaag	gaactagagt	agctaaaaca	aatttgaaaa	26160
agaaaaataa	agtgggaaga	atcagtctat	ccagtttcaa	gacttacata	gctacagtaa	26220
tcaagactgt	gatattgaca	gagggacagc	tatagatcaa	tgcaaccaa	tagagaacta	26280
agaaagaagc	acacacaaat	atgcccaaat	gatttctgac	aaaggtgtta	aaacacttca	26340
acgggggaag	atatgtctct	cattaaaggg	tgtagagtca	ttgcacatct	ataggcaaaa	26400
agatgaacct	gaacctcaca	ccctacagaa	aaattaactc	aaaatgactc	aaggactaaa	26460
cataagatat	acatctataa	aacattttaga	aaaaggccac	gcacggtggc	tcacgctcgt	26520
aatcccagca	ctttgggagg	ccaaggcagg	tggatcacct	aaggtcagga	gtttgagacc	26580
agccggatca	acatggagaa	gccccatctc	tactaaaaat	acaaaattag	ctggacgtgg	26640

tggcacatgc	ctgtaatccc	agctacttgg	gaggctgagg	catgagaatc	gcttgaaccc	26700
ggggggcaga	ggttgcggtg	agccaagatc	acaccattgc	actccagcct	gggcaacaag	26760
agcaaaactc	caactcaaaa	aaaaaaaaaa	aaaggaaaaa	tagaaaatct	ttgggatgta	26820
aggcgaggta	aagaattctt	acacttgatg	ccaaactaag	atctataagg	ccagtcgtgg	26880
tggctcatgc	ctgtaattcc	agcactttgg	tcaactagat	gaaagggtata	tgggaattca	26940
ctgtattatt	ctttcaactt	ttctgtaggt	ttgacatttt	tttagtaaaa	aattggggga	27000
aagacctgac	gcagtggctc	acacctgtaa	tcccagcact	ttgggaggcc	ggggcagggtg	27060
gatcacacgg	tcaggagttc	gagaccagcc	tggccaacat	ggtgaaaccc	cgtctctacc	27120
aaaaatataa	aaaattagcc	gggtgtcatg	gtgcatgcct	gtaatcccag	ctactgagga	27180
ggctgaggca	ggagaatcac	ttgaacctgg	gaggtggaag	ttgcagttag	ccgagattgt	27240
gccactgcac	tccagccttg	ggtgacagag	cgagactccg	tctcaaaaaga	aaaaaaaaaa	27300
aaagaatatc	aaacgcttac	tttagaaact	atttaaagga	gccagaattt	aattgtatta	27360
gtattttagag	caatttttat	gctccatggc	attgttaaata	agagcaacca	gctaacaatt	27420
agtggagttc	aacagctggt	aaatttgcta	actgtttagg	aagagagccc	tatcaatatc	27480
actgtcattt	gaggctgaca	ataagcacac	ccaaagctgt	acctccttga	ggagcaacat	27540
aagggggtta	accctgttag	ggtgttaatg	gtttggatat	ggtttgtttg	gccccaccga	27600
gtctcatggt	gaaatttggt	ccccagtagt	ggaggtgggg	ccttatttga	agggtgtctga	27660
gtcatggggg	tggcatatcc	ctcctgaatg	gtttggtgcc	attccttgag	gaatgagtga	27720
gttcttactc	ttagttccca	caacaactgg	ttattaaaaa	cagcctggca	ctttccccc	27780
tctctcgctt	cctctctcac	catgtgatct	cactggttcc	ccttcccttt	atgcaatgag	27840
tggaaagcagc	ctgaagccct	cgccagaagc	agatagtgat	gccatgcttc	ttgtacagcc	27900
tacaaaacca	tgagcccaat	aaaccttttt	tctttataaa	ttatccagcc	tcagggtattc	27960
ctttatagca	agacaaatga	accaagacag	ggggaaatca	acttcattaa	aataatctat	28020
gcagtcacta	aacaaataag	aacaagaggc	tccagaagtg	ggaagccaat	acccagaggt	28080
cctacaatac	agtatctgaa	aagtccagtt	tccaacccaa	aatatataat	atacaggccg	28140
gacatggttag	cttatgtctg	taatcccagc	actttgggat	gctgaggcgg	gcagatcacc	28200
ctaggtcagg	agttcgagac	cagcctggcc	aatatggcaa	aaccccgctc	ctactaaaaa	28260
tacaaaaatt	agccaggcat	ggtggtggat	gcctgtaatc	ccagctactc	gggaggctga	28320
ggcagggaat	cacttgaacc	caggaggcag	agggtgcagt	gagccgagat	cacgccactg	28380
aactccagcc	tgggcaacaa	agtgcagctc	cacctcaaaa	aaaaaaaaaa	tatacatata	28440
tatatgtgtg	tgtgtgtgtg	tgcgcgcgtg	tgtgtatata	cacatacaca	tatatacata	28500
tatacagaca	cacatatata	tatgaagcat	gaaaagaaac	aaggaagtat	gaaccatact	28560
ttctgtggtt	atgataggat	ggggtatcac	gggggaagta	gacaagggga	actgcaagtg	28620
agagcaaaca	gttatcagat	ttaacagaaa	aagacttttg	agtaaccatt	ataaatatgt	28680
ccacagaatt	aaagaaaagc	gtgattaaaa	aaggaaagga	aagtatcata	acaatatatt	28740
tccaaataga	gaatatcaat	aaaggcatag	aaattataaa	atataataca	atggaaattc	28800
cggagttaga	aggtagaata	actaaaattt	aaaattcact	agagaagggt	caacactata	28860
tttgaactgg	cagaagaaaa	atttagtgag	acaaatatac	ttcaatagac	attattcaaa	28920
tgaaaaataa	aaagaaaaaa	gaatgaagaa	aaataaacag	aatctcagca	aatgtgggca	28980
caccattaat	cacattaaca	tatgcatact	gagagtaccg	gaagcagatg	agaaagagga	29040
agaaaaaata	ttcaaattgat	ggccagtaac	ttcctagatt	tttgttttaa	agcaataacc	29100
tatacaatca	agaaactcaa	tgaattccaa	gtaggataaa	tacaaaaaga	accacaaaca	29160
gatacaccat	ggtaaaaatg	ctgtaagtca	aaaacagaga	aatatttgaa	agcagctaga	29220
ggaaaactta	taagagaacc	tcacttacaa	aagaacatca	cttataaaaag	aaccacaata	29280
atagaaacag	ttgacctctc	atcagaaaaca	atgaatgata	acatatttga	agtgtctcaa	29340
gaaaaaaaat	aaagattcct	atatacgaca	aagctgtctt	tcaaaaatat	acatccaaaa	29400
ggattgaaac	cagggtcttg	aagagttatt	tgtacatcca	tgttcatagc	agcattattc	29460
acaatagcca	aaaggtagaa	gcaaccacaag	ggtccatcga	caaataaata	aatgtgggta	29520
tatgtataca	caatggaatt	tattcagtat	taaaaaggaa	tgaaattctg	acacatgcta	29580
caacatggct	aaaccttgag	aacactatgc	taagtgaat	aagccagcca	caaaaggaca	29640
aataccatat	tacttcactt	gtatgaaata	cctagggtag	tcaaattcag	agatagaaag	29700
taaaacagtg	gttgccaagg	gctgagggag	ggagtaacgt	ggagttattg	ttgaatgggt	29760
acagaatttc	agttttgcaa	gataaaaaga	gttctggaga	cagatgggtg	tgaggggtgg	29820
acaacaatac	aaatatactt	tatactactg	aacagtatac	ttaaaaatga	ttaacatggt	29880
gaaaccccg	ctctactaaa	aatacaaaaa	aattagctgg	gtgtgggtgg	gggcacctgt	29940
aatcccagct	acttggggag	ctgaggcagc	agaattgctt	gaaaccagaa	ggcggagggt	30000
gcagtgcgct	gagattgctc	caccgcactc	tagcctgggc	aataagagca	aaactccgtc	30060
tcaaaaaata	aaaaataaaa	aaaattttaa	aatgattaa	caggaggcca	ggcacgggtg	30120
ctcacaccta	taatgccagc	actttgggag	gccgaggcag	gcgatcactt	gagaccagga	30180
gtttgagacc	agcctggcca	acatggcaaa	accctgtctc	tgctaaaaat	acaaaaatta	30240
gccaggcatg	gtggcatata	cttataatcc	cagctactgg	tgagacttag	acacgagaat	30300
tgcttgaaac	caggaggcag	agattgcagt	gagtcgagat	cgcgccactg	aattccagcc	30360
tgggagacag	agcaagattc	tgtctcgaaa	aaacaaaaac	aaaaacaaaa	agcaaaacca	30420
aaaaataatt	aagcaggaaa	cgagattgct	gctgaggagg	agaaagatgt	gcaggaccaa	30480
ggctcatgag	agcacaaaac	ttttcaaaaa	atgtttaatg	attaaaatgg	taaattttat	30540

atgtatctta	ccacaaaaaa	aagggctggg	gggcaggaaa	tgaagggtgaa	ataaagacat	30600
cccagagaaa	caaaagtaga	gaatttggtg	ccttagaaga	aacaccacag	gaagttcttc	30660
aggctgaaaa	caagtgaccc	cagagggtaa	tctgaattct	cacagaaaat	tgaagcatag	30720
cagtaaagggt	tattctgtaa	ctatgacact	aacaatgcat	atcttttctc	ttcttctctg	30780
aaatgatttta	aaaagcaatt	gcataaaaata	ttatatataa	agcctattgt	tgaacctata	30840
acatatatag	aaatatactt	gtaatatatt	tgcaaataac	tgcaaaaaag	agagttggaa	30900
caaagctggt	actaggctaa	agaaattact	acagatagta	aagtaatatata	acagggaact	30960
taaaaataaaa	atcttataaaa	atttataaaa	aataattaca	acaataatat	ggttgggttt	31020
gtaatatataa	tagacataat	acaaaaatac	cacaaaaaag	gaagaagaca	atagaactac	31080
ataggaataaa	catttttggt	tctaactaga	attaaattat	aaatatgaag	tatattctgg	31140
taagttaaga	cacacatggt	aaaccctaga	tactaaaaag	taactcacat	aaatacagta	31200
aaaaaataaaa	taaaataatt	aaaatggttg	tattagtttc	ctcagggtac	agtaacaaac	31260
taccacaaat	tgagtggtct	aacacaaact	aaatgtatct	tctcccaggt	ctggaggcta	31320
aacacctgca	atcaaggtga	gtacagggcc	atgctccctg	tgaaggctct	aggaaagaat	31380
cctcccttgt	ctcttccagc	ttccagtggt	tctcagtaac	cctaagtgct	ccttggcttg	31440
tagctatatc	attcctagca	accagaaaaga	agaaaataat	aaagattatg	gcaaaaaata	31500
atgaaatcaa	aaggagaaaa	atggaaaaaa	ataaataaaa	ccaaaagcta	gttctttgaa	31560
aagatcaacc	aagttaacaa	accttttaac	tagactgaca	aaaaggaggt	aagactcaaa	31620
ttactagaat	cagaaataaa	agaggggaca	ttactaatga	gggattagaa	agaataacta	31680
cgaacaaatg	tgtgccaaca	aattagaaaa	cttagatgaa	atggacaggt	tcctaggaca	31740
acatcaacta	ccaaaattta	ctcaagaaga	aagagacaat	ttgaatgagc	tataacaagg	31800
gaagagactg	aattgacaac	caagaaacta	tccacaaaga	aatcccagg	cccagaagat	31860
ttcactgtga	aattctttca	aacttataaa	tataaattaa	catcagttct	tcacaaactc	31920
ctccaaaaaa	aagaacagat	ctctatttac	aggcgatagc	atcttttagaa	aatcctaagg	31980
gaactactaa	gacactatga	taactgataa	acaagttcag	caaggctgca	ggatagaaaa	32040
ccaatataca	aaaatctatt	atatttctat	acacttgtag	tgaacaaccc	aaaaatgaga	32100
ttaagaaaat	aattcaattt	acaataacat	caaaaagaat	aaaaacactc	aaaaataaat	32160
ttattcaagt	aagtgcacaa	cttatactct	agaagctaca	aaacactggt	aaaagaaatt	32220
aaagggtttac	ataaatgaaa	aactatccca	tgttcatgga	tcaaaagact	tattactggc	32280
aatgctctcc	aaattgatct	ataaattcaa	caaaatcctt	atcaaaatcc	cagatgaggc	32340
tgggggtggc	ggttcatgcc	tgtaatccca	gcactttggg	aggctgaggc	acgcagatta	32400
cctgaggtcg	ggagctcgag	atcagcctga	ccaacatgga	gaaaccctat	ctcttctaaa	32460
aatacaaaaat	tagtcaggcg	tgggtggcaca	tgcctataat	cccagctact	cgggaagctg	32520
aggcaggaga	atcgcttgaa	cccaggaggc	agagggttgca	gtgagccaag	atcggtgccat	32580
tgcactccag	cctgggcaac	aagagcaaaa	ttccatctca	aaaaaaaaaa	aaaaaaaaatc	32640
ccagatgact	tcactggtga	aattgaaaag	attattctaa	aattcacatg	gaattgcaag	32700
accttgagaa	tagccaaaac	aaacttgaaa	aacacgaaca	aaatatagga	tgactcactt	32760
gccaatgca	aatgttacga	cacagcaaca	gtaatcaaga	ctgtgtggta	ctggcaaaaag	32820
acacatacat	acatacatat	caatggaata	taattgagag	tacagaaaca	agcctaaaca	32880
tctatggtaa	gtgcttttct	atctttttct	tttttttttt	cttttttgta	gagatagaat	32940
ctcaccatgt	tgcccaggct	ggtcttcaac	ttctgggctc	aagcaatcct	cccactgtgg	33000
cctcccaaag	tgctgggata	actggcatga	gccaccacat	ccagcccaga	tgattttcaa	33060
aaaagtcaac	aagaccattc	ttttcaacaa	ataggtctgg	gatgatcaga	tagtcacatg	33120
aaaaaaaaaa	tgaagttgga	ccctccatca	cactaaagtg	ctgcgattat	aggcatcagc	33180
caccacatcc	agcccaaagt	atcttcaaaa	aggccaacaa	gaccattctt	ttcaacaaat	33240
aggctctggga	taatcagata	gtcacatgaa	aaaaaaaaatg	aagttggacc	ctccatcaca	33300
ccatatgcaa	aaattaattc	aaaaatgaat	tgatgactta	aacgtaagag	ttacgactgt	33360
aaaactctta	gaaggaaaca	tacgggtaaa	tcttaaagac	gttaggtttg	acaaagaatt	33420
cttagacatg	acaccaaaaag	catgaccaac	taaggtaaaa	tagggtaaat	tgtacctacc	33480
aaaatgaaaa	acctttgtgc	tggaaaggac	accatcaaga	aatggaaagc	caaaatagcc	33540
aaggcaatat	taagcaaaaa	gaacaaagct	ggaggcatca	tactacctga	cttcaaagca	33600
acagtaacca	aaacagcatg	gtactagtag	aaaaacagac	acatagacca	atggaacaga	33660
ataaagaacc	caaaaataaa	tccacatatt	tatagtcaac	tgatttttga	caatgacacc	33720
ccttcaataa	atgatactag	gaaaactgga	tatcgatatg	cagaagaata	aaactagacc	33780
cctatctctc	accatataga	aaaatcaact	cagactgaat	taaagacttg	aatgtaagac	33840
ccaaaactat	aaaactactg	gtagaaaaca	taaggaaaaa	cgcttcagga	cattgggtcca	33900
ggcaaagatc	ttatggctaa	aacctcaaaa	acacaggcaa	caaaaacaaa	aatggaaaaa	33960
tagcacttta	ttaaactaaa	aagctcctgc	acagcaaagg	aaacaacaga	atgaaaagac	34020
aacctgtaga	atgggagaaa	atatttgcaa	actatccatc	catcaaggga	ctagtatcca	34080
gaacacacaa	gtgactaaaa	caactcaaca	gcaaaaaaagc	aaataatctg	gttttttatat	34140
gggcaaaaaga	tctgaataaa	cattctcaaa	ggaagacata	caaatgtcac	tatcattctg	34200
ccagtaccac	actgtcttga	ttacttggtta	gtgtataaat	ttttaaattg	ggaagtgtga	34260
gtcatcctac	actttgttct	tgtttttcaa	gtttgttttg	gctatttctgg	gagccttgca	34320
agtataaaat	agccaacaag	tatgaaaaaa	tgctcaccat	cactaatcat	cagagaaata	34380
aaaatcaaga	ccactatgag	atatcctctc	actccagtta	gaatggctac	tatcaaaaag	34440

acaaaatata	atggatgctg	gcaaagattt	ggagaaaggg	gaactcctat	acactgtggg	34500
tagggatgca	aattggtaat	ggccattatg	gaaaataata	ctgagggttt	tcaaaaaact	34560
gaaaatagaa	ctaccatatg	atccagcaac	cctactactg	ggtattttatc	caaaggaaag	34620
aagtcagtat	actgaagaaa	tatatgcact	ctcatgttaa	ttgcaacact	gttcacaaca	34680
gccaagacag	ggaataaatc	taaatgtgca	tcaacagatg	aatggataaa	gaaaatgtgg	34740
catatacact	caatagaata	ctattcagcc	attaaagaag	aatgaaatcc	tgtcatccca	34800
gcaacatgga	tgaacctgga	ggacattata	tttaatgaaa	taagtaaagc	acaaaaagat	34860
aaacagtaca	tgttctcact	cagacatggg	tgctaaaaag	aaaatggggg	cacagaatta	34920
gaaggggagg	cttgggaaaa	gttaatggat	aaaaatttac	agctatgtaa	gaagaataag	34980
tttttagtgtt	ctatagaact	gtagggcgag	tatagttacc	aataacttat	tgtacatggt	35040
caaaaagcta	gaagagattt	tggatgttcc	cagcacaag	gaatgataaa	tgtttgtgat	35100
gatggatatc	ctaattaccc	tgattcaatc	attacacatt	gcatacatgt	atcaaattat	35160
cactctgtac	ctcataaata	tgtataatta	ttacgtcaac	aaaaaaagga	aaaaaaagaa	35220
aattaagaca	acccacataa	tggagaagaa	aaaatatctg	caaattatat	atatctgata	35280
aatatttaat	atttataata	tataaagaac	tcctacaact	caagaacaac	aacaaaacaa	35340
cccaattcaa	aaatgggtaa	aagccttgaa	tatacactta	tctaaagact	atatacaatt	35400
ggccaataaa	gacacgaaaa	gatgctcaac	atcactagtc	atcagggaaa	tataaatcaa	35460
aaccacaatg	tagaatgtag	acaccacttc	atatgcacta	ggatggctag	aataaaaaagg	35520
taataacaaa	tgttggttag	gatgtgaaaa	aatcagaaac	ctcattcgct	gctgttgagg	35580
atgtaaagtg	atgcagccac	tttggaagaa	agtctggcag	ctcctcaaat	tattaaatac	35640
agagttaccg	tatgaccag	gaatattcct	cctgggtcta	taaccaaaaa	aatgaaaaca	35700
tatatccaca	taaaaacttg	tacatgggca	tttatagcaa	cattattcat	aacagcaaag	35760
gtggtaagaa	cccatatgcc	catcatctga	tgaacaggta	aataacatgc	ggtattatcc	35820
atacactaga	atattatctg	cccatacaag	gagtgcacac	cagctacatg	ctacaaggat	35880
gaatctcgga	aaccttatgc	taagtgaag	aagccagtca	caaatgacca	cagattatga	35940
ttccatgcat	cggaaatgac	cagaataggg	aaatctatag	agacagaaag	tagattagtg	36000
gttgggtggg	gctgggagga	caggtagtac	actactttcc	cagaactact	ggaacaaagt	36060
accacaaact	ggggagctta	aacatagaaa	ttgattttcct	cacagttctg	gagactagga	36120
ctctgagatc	aaggtgtcag	cagagctggg	tctttctgag	ggcctgagg	caaggctctg	36180
tcccaggcct	ctctccttgg	ctggcagggtg	gccatcttct	ccctgcgtct	tcacatcatc	36240
ttttctctgt	gtgtgcccac	gtccaaattt	tgattggctc	attctgggtc	atggccaatt	36300
gctatgcaca	aagtgaagtc	tacttccaaa	agaagggaag	agggaacact	gactaggcta	36360
aacttatagt	catttttaatg	tccgcttttc	ctatgagatt	gtgaacacac	agaagtaggg	36420
tttttatcta	cattgtgcaa	agtttaataa	gaaaaataga	attcaagaga	agcagttcaa	36480
tagcaggaat	ttaatatggg	aactaattac	aagggttagg	gcaggactaa	aaagccagtt	36540
gggatggtga	gccaacccag	agattagcaa	cagtgggacc	ccatctacct	accacccatg	36600
aagctggaag	gataaaggag	gggctattat	cagagtccac	aagccagtgt	cagagtcctt	36660
ggctggagct	gggaccaccc	tagagacact	gtgcaaagca	gaaaacaagg	gggaaaaacc	36720
ctgactttctc	ccttcctccc	acctttcaat	ctcccactag	tgtttcctac	tagccatact	36780
tggccagaga	cagtgacaag	gaacactgca	aatgaagtt	tgtaggaatc	atctccctct	36840
gagacagaga	aatatggaag	ggtagaaaat	gaatcagagg	ataaagagaa	aaaaccctga	36900
gtactatctt	atztatcttt	gtatctccag	tgccaatct	gtctctcaaa	aaaggaaagc	36960
aattgagaga	aactgaaaac	tccaattgaa	atgaaagaat	ggagaattac	tggactagaa	37020
gagaagagaa	aaatttattc	cgcataagag	aaacaagaat	ggattcacia	aggacgtgat	37080
gaatgaaaag	ctataatcag	caaagatttg	ccagagaaat	taaaaagtg	taaactcagc	37140
cacgctgtac	aacctgaagg	cacaatgcat	gaaaacgttt	caagaaatga	caagatttga	37200
agtcaaattc	taagtgtctt	tccagaatct	ctcaagacga	ttatatagct	accccattht	37260
attaaataaa	atggaaactt	actaaacttt	ccccttgtat	taaactaaca	tatgtcctaa	37320
tagcaaacga	ttctggaatt	cctagagtaa	aatatattht	gtcaaagtgt	attgctcttt	37380
taatattctg	ctgacctcct	tttgctattt	aggatatttg	tatacacatc	acacgtaaat	37440
ttggtctata	gtttacatct	acgggcttat	actgttcttt	ttttcatttt	tttaaaattt	37500
ccaaccccca	gtatccatat	actgctctct	atcagggtta	tttttaacttt	gtaaaatcag	37560
ctgagatgct	ttccatgttt	ttttttttta	ttttctgcca	catttgaaata	gcataggagt	37620
taccaccatc	aaccttggat	tatttaagca	ttcacgattc	cacgtgtgga	tttttttatc	37680
agagtctttc	ttgtcattcc	tgctatcagc	acagaaccca	atctcagctt	tccagctata	37740
ctctcacccc	atggaaattg	cagatgaagt	tcaaaaggac	ctttgcatta	tcctgcctcg	37800
ccctcttccc	ccttcattta	gacatcacct	tcttctagaa	cgtcttacct	gacatgccct	37860
gctcccaacc	cctgctgccc	aattgtgtgc	tctcccgtgt	cctggcctgc	catcctcttt	37920
agtaattgcc	tgctccctca	tctgtctccc	caccagaca	ttaagctgaa	tagactggat	37980
ttgtgtcttg	tccatcacta	taatctcagc	acctagtacc	tagtaggtac	ttaccatgta	38040
ttcattagca	aatgtttatg	tataaccttg	caccttaaaa	acaagagag	gaagacaaaa	38100
ttaagtctta	agactatggg	ttagaacatg	gatcagaaac	tacagtctgc	agcccaaata	38160
cagaccaaat	gaagagacca	tgttcattta	catacaacct	atagcagctt	tcacactaca	38220
ggagcagagc	taagtagttc	caaggggaaca	cacggccctg	caaagcctaa	aatattttact	38280
ctatagctct	tcacagaaaa	agttttcaga	tccctcgtht	agaactcttg	ttcatatgca	38340

atttcactaa	accatagttt	tttgggtttg	tttgggtttt	tttggcaaaa	aggaatgagc	38400
cgatccagaa	aaggttgaaa	agaatgaatc	attactgctg	aaagaatgtg	cacacagtcc	38460
gtcagtatcc	tgctgccatg	ctgacaccca	tccaatagtg	tcatgagatg	cagcagctac	38520
tactgtgttc	tcaatgccga	gtccacccac	tccataacca	tgtccaagca	atcttgggaa	38580
catcatcacc	atgcttggtt	atccttaagg	tattgcctca	catacagcag	tggctggtca	38640
taaagtcaaa	tgacactagt	ggccaggagg	tcaagagaat	gagtgaggac	aggtgggtag	38700
gcagcccagg	ccctagcaac	agcaggagct	cacccctcag	tcactctagc	caggactgaa	38760
atacttttca	cccttttcaag	agagactagg	aatctggatt	tttatgtgaa	atatcttgat	38820
tactaaatgt	tgtcaacaga	catgtcaaaa	ggtaaaaacta	agtaagttca	tggggcagat	38880
tgactattca	ggttatagaa	ttaaggattc	ttatccaaca	cagataccaa	ccaaaaagct	38940
gacgtataac	atattaggag	aaactatgtg	cactgtcgaa	acatcaacaa	ggggctaata	39000
tctaaaatag	tctatattgg	attccagttg	aaacatgggg	aaaggacatg	aacaggcaac	39060
ttatgtcaat	ggaaactcaa	aaagataaca	agcatatata	aaagcattct	caaattcagt	39120
agtaaacaga	cagatgcaaa	taaaaagagg	gaaactgctg	ccgggcacag	tggctcacac	39180
ctgtaatccc	agcactttgg	gaggccgagg	cgggcggatc	atgaagttag	gagatcgaga	39240
ccatcctggc	taacatgggtg	aaaccccgtc	tctactgaaa	acacaaaaaa	ttagccaggc	39300
gtagtgggtg	gcaccagtag	tcccagctac	tcaggagggtt	gaggcaggag	aatggcatga	39360
acccaggagg	cggagattgc	agttagccga	gaccatgccca	ctgcactcca	gcctgggcca	39420
ctgagtgaat	ctccatctca	aaaaatataa	taataattat	aattataata	ataataaata	39480
gtaaaataat	aaaaagagag	agactgctaa	agtctagaaa	gttgaatgat	gccaagcgca	39540
tgcaaaagac	agggccttgg	gatggccggg	tgcaagtggct	cacgcctgta	atcccaccac	39600
tttggggaggc	caaggcgggc	ggatcatgag	gtcaagagat	caagaccatc	ctggccgaca	39660
cagtgaacc	cgggtctctac	taaaagtaca	aaaaaatata	tatatatata	tatatatta	39720
tattatatat	atatatatca	gagccttggg	aatccttgtg	tgctgctggg	gaaggtagtg	39780
gtgcagccac	ccttgacagc	aatctggcag	tacttgggtta	tattaagtat	aggcacacac	39840
cacgaccagg	cagtcctact	cctgggtcta	aatcccaaag	aattctcaca	caagtccata	39900
aggagacatg	tacgaggctc	attcagcatt	actgggagtg	ggaatcaacc	tgggtgtcca	39960
tctacaggag	acgagatgga	caaaatgtgg	tggatattaa	gaccagaatc	accaagtaac	40020
agagatgggt	ggtgagttag	aatcctaaga	tacagaataa	aggctagaac	atgatgccat	40080
tcatgtaaat	taaaaataga	tgacacacaa	gcagtatacg	cgtgaccctt	gaatagcaca	40140
ggtttgaact	gcctgtgtcc	acttacatgt	ggattttctt	ccacttctgc	tacccccaa	40200
acagcaagac	caacccctct	tcttctctct	ccccctcagc	ctactcaaca	tgaagatgac	40260
aaggatgaag	actttttatga	taatccaatt	ccaaggaact	aatgaaaagt	atattttctc	40320
ttccttatga	ttttctttat	ctctagctta	cattattcta	agaatatggg	acataatata	40380
catcacacgc	aaaataaatg	ttaattgact	gtttatatata	tgggtaaggc	ttccactcaa	40440
cagtaggctg	tcagttagtta	agtttttggga	gtcaaaaagt	atacacagat	tttcaactgt	40500
gcaggcaatc	agtctccctg	acccctctcat	tggtcacggg	tcaactgtat	atacacaaaa	40560
gtattatatg	aacctcatta	gaatagctgt	ctataggggag	aagagaatga	gagtgggata	40620
aaacggaatg	aacaaataaa	ccaacaaatg	cattaacaag	caaaacaaca	gaggggcttg	40680
catggggccag	tgatgataaa	gggctaagaa	tgagaatata	attaattcaa	ttcctcacac	40740
ctgagggtcta	aaaccaagga	aaggggaggc	caggcgtgga	ggctcacgcc	tgtaatccca	40800
gcacttttggg	aggctgaggc	gggcccgatca	caagattagg	agtttgagat	cagcctggcc	40860
aacacagtga	aagcccctct	ctacaaaaaa	tacaagaatt	acccagggtg	ggtggcacat	40920
gcctgtagtt	agctactctg	gaggctgagg	caggagaatc	acttgaaccc	aggaggcgga	40980
ggttgcaggg	agccgagatc	acaccattgc	actccagcct	gggtgacaga	gtaagactct	41040
gtctcaaaaa	aataaaaaaa	ataaaaaaac	agagaaaagg	aggaaactag	atccaggctg	41100
actagatata	gccttttagag	ttagaaaaga	tgatttgaca	atctaagccc	acactcagat	41160
tgaatgaaat	tgaaaagcct	ttcaaaactaa	aacattttaat	tacaccatct	gctgcagaca	41220
gaactcagac	aactcaaaaca	ggtaatgtca	gcgtgggtgt	ttatatcacc	accctcaaca	41280
cagaataaaa	atcagctgca	tgtgaagcag	tgactagaat	gaagaaaagg	ctgcttctta	41340
cttccttcta	gtgggttcttt	ccgaaaacat	taataggcac	cagctctatg	catgtcacc	41400
tgcaggggaga	catgggggtat	ataactatga	cttactgttc	attcctcaag	gaattcccaa	41460
tcttgtggaa	gattatacac	aatgaggcaa	caaaaactat	ccaataaaac	cacggaaaag	41520
aagccagtga	caaagaagcc	agtgatgaaa	ggccctgtga	gcagagctga	tggccatttg	41580
gggaagaaag	accaacatgg	atgggggtga	tcagggtggc	tccgtgggaa	agctggaaga	41640
gaagtggcag	atctctgagc	tggatgatgg	gccactacca	tctgtatatg	gctaattaaa	41700
gaccatgtgt	ggatttttta	ttcagctctt	tcgtgtcatt	cctgctatca	gcacagaacc	41760
caatctcaac	tttccagcta	tattgagcta	aacttctcac	ctcatggaat	ttgcagataa	41820
agttcaaaaag	gatccttgcc	ttttcaaaat	aatttttgaat	ggttgagtag	tccctctgtg	41880
ctctctcact	gacaccctct	caaggctgct	gagcacgtgc	catgctatgg	ctttctccaa	41940
catcaggaaa	tgttctccac	tcagtttcac	cttaatacaa	atgtgttctc	tcttcagaga	42000
aggcaaaaaa	attcatgacc	atctgactgg	gagaagtcac	ttctaggtaa	agtgtccatc	42060
tttttctgag	gaacacagga	ggaaaatctt	acagaaaaga	gttaacacag	caggcctaag	42120
actgcttttt	aaaataaata	aataaataaa	taaataaata	aataaataaa	taaataaata	42180
aataaatgaa	tgataggggc	ttctgtattg	gccaggctag	tctcaaattc	ctggcttcaa	42240

gagatcctcc	caccttggtc	ccccacagt	ttgggattat	agacatgagc	cattgtgctt	42300
ggcccaagac	tgttattctt	aaaaagtctc	ataaaaagca	tggttaatcc	ttggctggca	42360
cctgggaact	tagatttcag	aagggttccc	accatccaac	ctggaaagag	ggactcactg	42420
tgccataaatt	attgtgtggt	ttatgctgaa	ctcctgcttt	tcttcaggta	gcgtggaatg	42480
tggtatgtgc	tgggcaaagg	gggcctgcat	gaccagcccc	caataaaaac	cctgggtgtt	42540
gggtctctag	tgagtttccc	tggtagacag	catttcacat	gcgttggtcac	agctccttcc	42600
tcggggagtt	aagcacatac	atcctgtgtg	actgcactgg	gagaggatgc	ttggaagctt	42660
gtgcctggct	tccttttgac	ttggcccat	gcacctttcc	ctttgctgat	tgtgctttgt	42720
atcctttcac	tgtaataaat	tacagccgtg	agtacaccac	atgctgagtc	ttccaagtga	42780
accaccagat	ctgagcatgg	tcctgggggc	ccccaacaca	gaaataaatt	ataaaaagacc	42840
aaggactggg	catggtggcc	catgccggta	atctcagcgc	tttgggaggg	cgaggcagga	42900
ggaccagtta	agcccaaaag	ttcaaagtta	cagtgcacta	tgactgcgcc	aatgcactct	42960
aacctgggag	acagagcaag	accctgtccc	caaaacaata	aactaaacac	atacttctgc	43020
cttccaagtg	tcttaaaatt	caatggaatg	gtagaacat	ttttaaaaaca	ctaaatcaaa	43080
agaaacctgg	aaaacaagag	tgccgatggc	caactaaaat	gtctaggaaa	tttctgaaaa	43140
gtaaaaagta	ctcagaacca	gattacctga	gcaaaccata	gccaataaca	agcttgggag	43200
gaggctgtta	tgcaagaagga	aatggtaaca	ggtttccagg	aacagacttg	taacagcaga	43260
tagaacagca	gaggtagaac	ctgacaagg	gattacctgg	ggaactgcag	tctgaatgac	43320
caggactggt	ggacccttcc	cctcacatgg	aatacacacg	ccactcagca	gcacaccaca	43380
gctcttcaac	aatcacagga	ggcacgctac	gcctagtaag	acaggaaaaa	aggaattctc	43440
aaacttcgaa	gatgaacaca	taaagaatca	ccaagttttt	attcagtatg	atgaaacagg	43500
gacactgaat	caacagaaca	caaaccacaag	caaagataat	tactagagca	catagaagaa	43560
attattagat	attcttgagg	agacctaaag	ggacattata	aagagcaagc	agttggtatg	43620
tgacgatctt	tgtgatatac	caagaaataa	aaacacagga	tgaagaccag	atagagaata	43680
atgctactat	ttgtgcaaaa	aaggagaaat	ggagaatctg	attcatattt	gcttgtattt	43740
gcatgaagaa	actttggaag	gtacataagt	aactaacaac	aatgggttacc	tacttgtaag	43800
gcgagagaag	taagaggaca	ggaatggtgg	gaacaccttt	tgtgtccgga	attggtgggt	43860
tcttggtctg	acttgagaa	tgaagccgtg	gaccctcgcg	gtgagcgtaa	cagttcttaa	43920
aggcgggtg	tctggagttt	gttccttctg	atgtttggat	gtgttcggag	tttcttcctt	43980
ctgggtgggt	cgtagtctcg	ctgactcagg	agtgaagctg	cagaccttcg	cggcgagtgt	44040
tacagctctt	aaggggggcg	atctagagtt	gttcgttcc	cctgggtgag	tcgtggtctc	44100
gctagcttca	ggagtgaagc	tgacagacct	cgaggtgtgt	gttgacgctc	atatagacag	44160
tgacagacca	aagagtgaagc	agtaataaga	acgcattcca	aacatcaaaa	ggacaaacct	44220
tcagcagcgc	ggaatgcgac	cgcagcacgt	taccactctt	ggctcgggca	gcctgctttt	44280
attctcttat	ctggccacac	ccatatacctg	ctgattgggtc	catttttacag	agagccgact	44340
gctccatttt	acagagaacc	gattggtcca	tttttcagag	agctgattgg	tccatttttga	44400
cagagtgtcg	attggtgcgt	ttacaatccc	tgagctagac	acagggtgct	gactgggtga	44460
tttacaatcc	cttagctaga	cataaagggt	ctcaagtccc	caccagactc	aggagcccag	44520
ctggcttcac	ccagtggatc	cggcatcagt	gccacagggtg	gagctgcctg	ccagtcccgc	44580
gccctgcgcc	cgcactcctc	agccctctgg	tggtcgatgg	gactggggcg	cgtggagcag	44640
ggggtggtgc	tgtcagggag	gctcggggcg	cacaggagcc	caggaggtgg	gggtggctca	44700
ggcatggcgg	gccgcaggtc	atgagcgcgt	ccccgcaggg	aggcagctaa	ggcccagcga	44760
gaaatcgggc	acagcagctg	ctggcccagg	tgctaagccc	ctcactgcct	ggggccgctg	44820
gggcccggctg	gccggccgct	cccagtgcgg	ggcccgcgca	gcccacgccc	accgggaact	44880
cacgctggcc	cgcaagcacc	gcgtacagcc	ccggttcccg	cccgcgcctc	tccctccaca	44940
cctccctgca	aagctgaggg	agctggctcc	agccttggcc	agcccagaaa	ggggctccca	45000
cagtgcagcg	gtgggctgaa	gggtcctca	agcgcggcca	gagtgggcac	taaggctgag	45060
gaggcaccga	gagcgagcga	ggactgccag	cacgctgtca	cctctcactt	tcatthtatgc	45120
cttttttaata	cagtctggtt	ttgaacactg	attatcttac	ctatthttttt	tttttttttt	45180
tgagatggag	tcgctctctg	tcgcccagac	tgagtgagcag	tggtgccatc	ctggctcact	45240
gcaagctccg	cctcccgggt	tcacaccatt	ctcctgcctc	aacctcctga	gtagctggga	45300
ctacaggcaa	tcgccaccac	gcccagctaa	tttttttattt	tattttttttt	ttagtagaag	45360
cggagtthca	ccatgttagc	cagatggtct	caatctcctg	acctcgtgat	ccatccgcct	45420
cggcctccca	aagtgtggg	attacagacg	tgagccactg	cgccctgcct	atcttaccta	45480
tttcaaaagt	taaactthta	gaagtagaaa	cccgtggcca	ggcgtgggtg	ctcacgcctg	45540
taaccccagc	actttgggag	gccgaggcgg	gcggatcacg	aggtcaggag	atcgagatca	45600
tctgtgttaa	cacagtgaag	ccccgtcgct	actaaaaata	caaaaaatta	gccgggcgtg	45660
gtgggtgggca	ccggcagtc	tcgctactgg	ggaggtgag	gcaggagaat	ggcgtgaacc	45720
tgggaggcag	agcttgagc	gagccgagat	agtgccattg	ccttccagcc	tgggcgacag	45780
agcgagactc	cacctcaaaa	aaaaaaaaaa	aaaatagaga	cccggaaagt	taaaaatatg	45840
ataatcaata	tttaaaaaca	ctcaagagat	gggctaaaga	gttgacggaa	caaatctaaa	45900
tattagattg	gtgacctgca	aaaccagccc	aaggaacatc	ccagaatgca	gcccataaag	45960
ataaagagag	catttccgct	gggcacagtg	gtatggcagg	ggaattgcct	gagccaaga	46020
gttgacaggtc	acattgaacc	acaccattgc	actccaggcc	tgggcaacac	agcaatactc	46080
tgtctcaaaa	aaaaaaaaaa	ttaaattaaa	aaagacagaa	tatttgagag	aaaaaatg	46140

ttattttcaag	aaacatgaaa	gataaatcaa	gatatttctaa	ttcccaagta	agaataattc	46200
cagaagcaga	aaatagaata	gaggcaagga	aacactcaaa	acttctccag	tgccatagaa	46260
atgtgtatta	atcttttagaa	tgaaacggac	taccaaattgc	tgagcaggaa	gaacaaaaga	46320
gatccactct	taagccagtg	tggtgcccaa	gcgcagtggc	tcatgcctgt	aatcccagca	46380
ctttgggagg	ccgaggcagg	tggatcacct	gaggtcagga	gtttgagatc	agtcaggcca	46440
acatgggtgaa	accctgtctg	tactaaaaat	acaaacatta	gctgggtatg	gtggtgcaca	46500
tctgtaatcc	caactacttg	ggaggctaag	gcaggagaaat	cacttgaaac	caggaggtgg	46560
aggttgtagt	gagccgagat	catgccacac	tcccagcctg	ggtgacagag	caagattcca	46620
tctcaaaaaa	aaaatccact	cctagacaaa	taatagttaa	atttttagaac	accaaggaga	46680
aagaaaaaaa	attgtaaagc	ttcagagaaa	ataaacatta	actacaaaga	aacgagagtc	46740
agacgcgtgc	acttcttcct	agataccagc	agataaagca	atatctccaa	aattcagaag	46800
gtttttaacgt	agaatcctat	acccagtcaa	gaatattcac	atggaaaagt	gaaataaaaa	46860
acattgttta	aacatgcaag	ggttcagaaa	gtttaccatt	cacagaatcc	ctgaaaacaa	46920
aaccaataaa	tcacttaagg	actcattaag	aaaacaaatg	aaataaaaagc	accaatgatg	46980
agtaaataat	cagaaaaatt	tacagtttac	ctaaataact	gtttatgcat	aatgtatgaa	47040
aacccaaaaa	tttaatatgg	gacagaatta	aaatcatgat	aagattcttt	tttgctttac	47100
tcatggagag	ttcacataaa	cagatttatct	tttaatagca	agagaaaaaa	atgttttagat	47160
atgtgtgaaa	aactaagggt	acaaaaacag	tgcaaatcca	tttatcatca	ggaaaatcca	47220
aattaaaacc	acagtatcca	ccagaataac	taaaaggtaa	aagacagaaa	ttaccaagag	47280
ttggcaagaa	tgtggagcaa	ccacatatac	ttctggggta	aataagttgg	tgcaaccggt	47340
actgaaaact	gtttgctagt	atctactaaa	accgagcaca	tgcacagact	acaaccaagc	47400
agttccactc	ccagatacac	actcaacaga	aatgcacaca	ctcactcaac	aaaagacgtg	47460
tactagagtg	ttcatgtact	tactattcat	aatagtccaa	aatggcaaac	aaccaactgc	47520
caatcaaagt	caaatgtata	tctatatattag	ggatatatac	aatggcatat	acacagcaat	47580
gagaatgaaa	tgaaccagct	cggcacagtg	gttcatgcct	gtaatctcag	cactttgggc	47640
gggtaaggca	ggcagatcac	ttgagggtcag	aaatttgaga	ctagcctggc	caacacgggt	47700
aaaacctgtc	cccactaaaa	acacaaaaat	tagccgggca	tagtggttgc	aggcctgtaa	47760
ttccagctac	tccgggaggct	gggttgggag	aatcgtttga	acccgaaagc	cggagggtcgc	47820
agtgagcgga	gatcgtgccaa	ctgcactcca	gcctggacga	tagagcaaga	ctccgtctca	47880
aaaaaggaaa	tcaaaaatat	aaaataagat	gacaggaata	atccgcaaaa	gatcagtaat	47940
caaaataaat	ataaatgggc	taaagctacc	tattaaaaga	caaagatttc	acaccataa	48000
ggatagctac	tatcaaaaaa	agagagagaa	taacagatgt	tagcaaggat	gtatggaaac	48060
tgaaattctc	acgcattgct	ggtgagaata	taaaatgggt	cagcctctgc	ggaaaacact	48120
atgctgggtc	atcaaaaaat	taaaaataga	agtactactt	gatccaacaa	ttctacttct	48180
gggtatatac	ccaaataact	gaaagcaggg	tcttgaagag	atattttgtac	acccatgata	48240
atggcagcat	tattcataat	agctatgatg	tggaaccaac	ataaatatcc	tttgataaat	48300
atatggataa	gcaaaatgtg	gtgtatacat	tcaatggaat	attaattagc	aataaaaaatg	48360
aagaaaattc	tgacacatgc	tacaacatgg	atgaaccttg	agggcattac	attaaatgaa	48420
ataagccagt	tataaaaaga	caaatactat	atgaggtact	atattagata	ctcatgcaag	48480
gtacctaaaa	taggcaaatt	catagagaca	aaaagcagaa	tggtgggtgc	caggggctgc	48540
ggtaatggat	acagagcttc	aattttgtaa	gatgaaaaaa	ttctggagat	tggttgcata	48600
acaatgtgca	cacacttaac	actggggaac	tgtaaaactta	aaagtagtaa	atggtaaaaa	48660
taaaaataat	aaataataaa	ttttatgtta	ttttaccaca	atattttatta	aaagacaaag	48720
attaactaat	taaacaaaat	ccagccataa	gctaattggta	agagtaacaa	ttaaagaaga	48780
cacagaaaat	tgaaaatcag	tgactagaaa	aagatattcc	atataaatgc	taacaaaaag	48840
caagtacagc	aatataaaga	gaatgaacaa	aaaaaaaatt	aaataagatg	gctcgtttat	48900
tcccaaaaagg	tacaattcac	caagaagata	caagaattgt	gaacctttta	gcacataaaa	48960
cagcttcaaa	aatacaacat	ttaaagaaaa	atataatatta	aacatagaaa	tagtacaaaa	49020
acccttacia	gaatcataat	gggagtcttc	aatacaactc	tccatatcaa	caggtcaaac	49080
agagaaaaaa	aataagttaa	ggatgcagaa	aacctgaatt	accatcaata	aacttgagat	49140
taatatagaa	ctgtataccc	aataactata	gagttcaggg	aacagtcgtg	actgacagtg	49200
gactgcaaat	taatctgttc	ttaatctttg	tttttctttc	agcactgtgg	cagaatagag	49260
atcctaaaaa	ccttccagct	acaaaacatc	tttttaaaaa	tataaaaaaa	tacaaaaata	49320
actctgaaat	caatagaaga	cacatgggtga	aacccaaaatt	ctagaataca	gggagaataa	49380
aggcattttc	agatattaca	aaaacagaaa	attgatcatt	gctgaagtaa	tttctaaaga	49440
atgtacttga	gggagaagaa	aaatgttcca	aagaaaagta	tctgtgatac	aagaaggaaat	49500
ggaaagtgaa	gaaatggtaa	acaggtagat	aaagctaata	aatgttgacc	tagaaaaata	49560
caaaaacaat	agcaataatg	tctcgttgga	agggttgaag	taaaaataca	attaaggcca	49620
aatgtgaggt	aagtggaatg	aaagaattag	aagtccttgc	cttggtcaca	ggactgatta	49680
aataaatgag	ccaggttttc	cattcaaaca	gttaaaaactt	gaacaaaaata	aactcaaatt	49740
aagtagaaag	ataaaaaaca	gaaattaatg	tcatagaaaa	ataaaaaaatc	aatagaatta	49800
atcaataaat	cctgggttaat	aaaagctggg	tctttgaaag	gattaataaa	ataatcatta	49860
agcaagtctg	atcaaaaaaa	aagagaaaag	gtaccaaaaa	aagtactgta	tcagaaagag	49920
aacatacaga	tacatacaga	tatgtaagag	tctgttttct	tacaccagaa	tactatatac	49980
aacattatgc	tagcatatat	taaatttcaa	taatgttaat	gattttctag	gaaaacagaa	50040

aatattaaat	ttacttttgaa	gaaacagaaa	aactgagaaa	aataaatgat	catgaaaaaa	50100
atgaaaaggt	aattaaatac	tgatattaac	tgccataaca	acaccagcag	cagcccaggc	50160
agtctgcagt	caagttctgc	caaacttgag	ggaacagata	attcttctat	tccagagcat	50220
agaaaatgat	ggaaagtttc	ccaatttaat	cagagaggac	agcctgatcc	ttgttatgaa	50280
cacagataaa	aatggggtaa	actatatgcc	aaactcagat	accaaacc	taaataagat	50340
gctagcttat	tgatgtgaac	aatccaaaag	tgcatthtaa	attagcccag	ggthtttagag	50400
aaagaaaatc	tagcaatgtg	accaccactt	atgttaacaa	ttttaagacg	aaaatctaca	50460
tgatcatatc	aatgcatgct	acacaaaagc	atthgggcaa	aaaacccaac	accaccctt	50520
gactthttta	actcttagta	attaggcata	aacagaaatg	tacttaatgt	gatagaatac	50580
actcggtgaa	gatacagagg	gaatgctccc	taaaaccaag	ccaagacaa	agattcctat	50640
ttaacctcaa	tagtcaacac	tgacgcgaga	gtaatctatg	gaagacaagg	aaaaaagtaa	50700
aaacatgaga	gacatctgtt	gtttaacaga	caataagatc	acctacttgg	aagaggcaaa	50760
cgaatcaagc	gaaaaactat	taaaactgag	acaggcttta	gtatggaggc	tcagcttcag	50820
ctgtagtthg	ggctaccaa	ttcaactcgc	ttgcttgagg	agttaatcct	gcaaagctaa	50880
thtctgttga	ggtattagga	ttgacaagcc	tgtgctcctc	cctcctcccc	catcttcaac	50940
actgaaataa	cacggtgttt	ggaactggat	aacagaatct	tccaaaaaca	aaaattgtcc	51000
tgaagggtctg	acttgtgccc	ttactcaaaa	aacactthtat	ctgctgcctg	cagctcctac	51060
agthgtctgg	ggataagcct	gccaaccagc	tcggcgtaat	tcttcttgca	gagggcaagg	51120
aagagcactt	tcacaggaaa	atthttttcc	gaactgtatg	ccgcttatta	cataaactta	51180
cgtgctggca	aatggagctc	cagcaaaaata	agatattcag	agtcaaactt	ccttaggaaa	51240
aaaaaaaaaa	aaaagcaagc	acataaacact	aatthccttg	catgggcact	ggggaaggag	51300
gtcgttactt	ccgcacgccc	gcagggtccgc	accaccggga	aaccacggg	caccgcgcgc	51360
tgcccccg	ccttccaggt	gcactgcgcc	gcggcgcccc	agctgacccg	ggatgcgcag	51420
ccttagccct	tccctgtca	ccccggccag	gaaggggcgg	gagcgcgggc	gacgcgcagg	51480
gcgaagggtc	tctcggtcct	ctgcaccacg	cagcaccccc	aaggcacaac	agggagggtg	51540
cgggagggtc	ccgagaccca	ggagccgggg	ccgggcgtgc	ccgcgcacct	gtcccactgc	51600
ggcgagggtc	ggggtcgctt	ccagggcgcg	agctgtcggg	agccacctgg	ctctcagtcc	51660
cgggtccctg	cgacaaccct	cgggcccggg	ggggaggagg	cggccacctg	ccgctgccac	51720
ctgcggcacc	ggtcccaccg	ctccgggcgc	ggcaggacag	gccaggacgt	ccctcctggg	51780
ctggggacag	gacacgcgac	gaggggacgc	gggccccgcg	ggcgaagacg	cagcacgcct	51840
tcccagaaa	gcagtcccgt	gccccacga	cggactgcgc	gacccccgcg	ctcgccccgc	51900
catcccttca	gaccacgcgg	ctgaggcgca	aagagccggc	cggcgggcgg	gctggcgggc	51960
cggctagtac	tcaccggccc	cgctgggtca	gcgcgcgcgc	aacccccagc	ggccacggct	52020
ccgggcgctc	actgatgctc	aggagaggga	cccgcgctcc	gccggcgctt	ccagccatcg	52080
ccggccagggg	gcgagcgcga	gccgcgcggg	gctcgctggg	agatgtagta	cccggaccgc	52140
cgcctgcgcc	gtcctccttc	agccggcggc	cgggggcccc	ctctctccca	gctctcagtg	52200
tctcatctcc	ctatctgctc	atcctctggg	cgcacataat	cgatgtttgg	gcgtcccaag	52260
ccagatgtgg	accccattht	cgcactctac	actggagggt	ttctaagggt	ggtgcccggg	52320
ccagcagctt	cagcctcatc	tgggaacttg	agaaaatgca	gattctccgt	cccaccagc	52380
ctattcgggt	thtcttgcac	taaaaccatg	aagggtgggg	ccagcagctc	acattctcgc	52440
aagcccgtca	agtgattctg	aggcgccctc	cagthtgaga	gctatgctca	cggcctcacc	52500
tccgccccgc	aaggagcccc	gtcttgccct	tggcgctagc	cgcacacgga	cacctcatcc	52560
tgccggggccc	gcccccccgc	tgacccctca	ccgcccacag	cctcctccgg	gatgcagcgg	52620
aggcgccctg	aagtcggcaa	ggtcaacatc	cccctcagca	tcttccctac	cctcacggct	52680
cctcctccag	gggtgcctca	tggccagggg	ttagaaaagag	ccactgtgtt	tcttgacatg	52740
gaagtggcct	aagaccttaa	tgaaaactgc	aggagtggaa	tgacagaacc	thtgggtcata	52800
cttgaggggcg	tgaagctcaa	atgaggagga	aggaaaggat	ccaggggagaa	taaccaaccc	52860
tggcaagtth	tggcgcccag	gtagaggggc	gagcctaggc	tagcggthct	cgaccagggc	52920
cgggtgttgcc	cctcctcgcc	gccccgcgta	catthtggga	ggtctggaga	catthttggg	52980
tgtcatgatg	cgggagthtc	tactgttgcc	taagtgggta	gacacgaggg	tgctcctcaa	53040
catcctacct	gaaggacagg	actgccccac	aagggaagaat	gatccggccc	caaataagaa	53100
accctggggt	ggtcagcaac	aaccctthtg	thctgagaag	agaggaggaa	agaataaaa	53160
aagtgggggt	aagthttggg	thggtagagg	aaacttgaag	acathttcac	tggaaaggaa	53220
gagagggaag	ggagggagat	gtctgtaaag	acgagcaaac	cgggtgacag	ctgattthct	53280
catattgaag	taatgagthc	tagthtataat	aaathcctaa	taaaaaccca	gthttatcct	53340
gcaataaact	tgtctthttt	thttaaatat	actgcttgat	tctgtthtgc	aataththtat	53400
ttacaggctt	tgcatthgata	tgcaaaaatg	agatgggcaa	taaththtct	thtgaatgth	53460
taatgtthgt	tggthttcaga	atcaatgtta	tgctcacatc	ataaaaaatt	tggaaaccgag	53520
gcaggaggag	tgcttgaggc	cagaagthtc	agaccagthc	aggaaacaca	gtgagacccc	53580
cccactctca	caaaaaaaaa	aaaagaaaaa	aaaatgggca	tgthttgctth	thcctthttac	53640
tctgaacaat	thaaaggagca	thaaaatttat	ctaththcttg	aggthtgatc	atthcccagth	53700
taaaaatgth	cctcccagcc	tgatgcttht	thtggggagg	gtaaatctth	taaggctaga	53760
aaagththct	ctgtggcaat	ththattatth	acaththtaaa	aathattctta	gagthaatth	53820
tgataaagca	tgtaththct	aaaacaaatt	atcctththt	tccagatgth	caagthgatt	53880
tgcataaagt	tgaggaaagt	agthththgt	gaathththta	actthtccca	aatathcttat	53940

tttgtgtatt	tttgcttctt	tattttgtta	acttttaaaa	gtgtattttt	ttttcaaaga	54000
atcagctctt	aggtttatgt	ttttggttat	actggagctt	ttttcttctt	cttttttaaaa	54060
tattttttct	ccttttattt	ttagacgtat	tttgatctaa	cgtaatcgga	agaaggtaaa	54120
ttagaatctt	ttgttactat	tgtgttttta	tttctcctta	tttctctgaa	gtcctgcttt	54180
ataaatagta	ccatgttatt	tgtgcataaa	tattcatttg	tcttatattc	ttgggaattt	54240
tcccacttca	tcataaaatg	accttccttg	tctcatttaa	tgtgttcaaa	ctttgccctg	54300
aattttaactt	tgtctgatat	tttaccatcc	tgtctgaattt	tgtttgttac	cccaaacaac	54360
ctttgctgtt	ttcgtctttt	ctgaaccctt	tatttttaggt	aatcccttga	attagagcac	54420
taagttttgc	tttgtgatta	aatctgaaaa	tctttatctt	gccatagatg	agttgagccc	54480
tattcatgtg	acagctatat	tatgctgttt	catagccctt	ttggctcctt	tttcaactctt	54540
gcattgcata	ttttgtgttt	attgtgtttt	gtgtttcttc	tgataatttg	gaaggtttgt	54600
atttttattc	agggagttgc	cttataatca	tactccgcaa	tacacatcgt	cctcagtttc	54660
ttcagactgt	ctgttaactc	cctattctga	ataaaaaatga	cattgttaatt	tccctctttt	54720
ttctttaccc	cttttcttct	cctcacctaa	tgtaaattgat	tttatccttc	tttagtattt	54780
gcttttttaa	tttaactacat	ttataaatat	ctttatcact	tgatttttaa	atcagctttg	54840
aatgagatat	ttggattcct	agatataaaa	gatgttaatt	ataccatttc	cacgttagta	54900
ggtttataaa	atcatacatt	ctgctgtgta	accataatcc	cacgtttgtt	ttagttccac	54960
tcctacagtt	aaaagattca	gaagtattat	taacagttat	tttgccatag	ttttttcccc	55020
aaccctttt	gtggttaagtt	atgatcctgc	tttagtttct	taagaataat	ttatagagca	55080
gagtgtggtg	gctcacgttt	gtaatcccag	cactttggga	gacaagaggt	agaaggatcg	55140
cttgaagcca	gcagttcaag	accaccctga	gcaacatagt	gagaccttgt	ctctacaaaa	55200
aatttttaaaa	tttagccaga	cgtagtggcg	tgtgcctata	gtcccagcta	ctcaggaggc	55260
tgaggcaaga	ggattgctag	agcccagaag	tttgaggctg	cagtgcctc	tgattgtgcc	55320
actgcacccc	agtctgggca	agaaagtgag	aacctatctc	tttaaaataa	caataataac	55380
ttatgaaaat	tatattccct	gagtttttca	tgtttaaaaa	tatttgttgc	ctttatcctg	55440
taaaagtttg	agtataaatt	cttgggttat	actttattta	ttgaagaatg	tataagtatt	55500
gtcttctaga	attgagtgtt	gctgtaatga	aaccagaagt	cagcctgggt	tatttttctt	55560
cagaaatgag	gtaattgccg	gccggacacc	gtggctcatg	cctgtaatcc	caacactttg	55620
ggaggccgag	acaggtggat	cacgaggtca	ggagattgag	accatcctgg	ctaacatggt	55680
gaaaccccgg	ctctactaaa	agtacaaaaa	gttagctggg	catggtgggt	gacgcctgta	55740
atcccagcta	cccgaggaggc	tgaggcagga	gaatggcgtg	aacctgggag	gaggagcttg	55800
cagagagctg	agatcgcgcc	actgcactcc	agcctgggcg	acagagtgag	actccgtctc	55860
aaaaaaacaa	aaaaaaaaca	aagaagtga	gtaattgcca	tgatgctcca	agaattatct	55920
ctttgtctat	gaaatccaga	aatctcactg	ttatacattt	tgggaattatt	attctggggc	55980
aatatttcct	gggacacaa	agattgactc	tatagattta	attttttttt	tttttttgag	56040
acagagtctc	actgcaatct	cagcttactg	caacctctgc	ctcacgggtt	caagcaattc	56100
tcctgcctca	gcctcccaag	tagctgggac	tacaggcgcg	tggcaccatg	cctggcta	56160
ttttgtcttt	ttagtagaga	cagggtttca	ccatgttggc	caggctgggt	ttgaacgcct	56220
aacctcaagt	gatccacctg	cctcagcctc	ccaaagtgct	gggattacag	gcgtgagcca	56280
ccatgccag	cctcaattcc	tctttctatc	tggtaatttt	tctgaagtgt	aaaacatttg	56340
ttctaatacg	ttatttcagt	gttcttctaa	gatgtgtaaa	gcacctatt	cccaggtcag	56400
ccccatctt	gctagtgagc	tgggctgggt	cttcacaaga	gctctgggtt	tctcctgctt	56460
aatctcaagt	acctctgtca	gcctccacct	ggtttatgat	ttggagtttt	ttggtttttg	56520
ttttttgttt	ttgacagagt	cttactctgt	caccaggtct	ggagagcagt	ggcataatct	56580
cagctcactg	caacctctgt	ctcccagggt	tgagcgattc	tcctgcctca	gcctactgag	56640
tagctgggat	tacaggcgcg	tgccaccaca	cccggtta	ttttgtattt	ttagtagaga	56700
tgggggtttca	ccatgttggc	cagggtgggt	ttgaactcct	gacctcaggt	aatccacctg	56760
cctcagcctc	ccaaagtgct	gagattacag	gcgtgagcca	ccgcgcctgg	catggttttg	56820
agtttttaatc	tgtagtttta	ataaagatag	tgcttatggt	tgtgtttctt	atatttcttg	56880
gtactcttgg	gtaatttgta	agatccccat	atctacacaa	gaagtccatt	ttcaattctt	56940
ttcttcagac	tgtttatattt	attttatttt	attttatttt	tatgtttgag	atggagtctc	57000
gctgtgtcac	ttctggaggc	tggagtgcag	tggcgcgatc	tcaggctcact	gcaacctccg	57060
tctcccgggt	tcaagcaatt	ctcctgcctc	agcctcccga	gtagctggga	ttacaggcac	57120
ctgccacttt	ttaatttttt	tagagacaga	gtctcgcttt	gttgaccagg	ctggagtgcg	57180
gtgggtgcaat	catggctgac	tataacctcc	aaatcctggg	ctcaagtgat	cctcctgcct	57240
cagcctcctg	agtagctggg	actacaggca	catgccacca	tgcccagtta	attttaattt	57300
ttttgtagag	acagggtctc	catatgttgc	ccaggctggc	ctcctactcc	tggcctcaag	57360
taatcctcct	acctcagcct	cccaaattac	taggattata	agcatgagcc	accatgccca	57420
gccttggttct	actactttta	tttcatatgt	taggtgacca	tgtaattgat	catccaaacc	57480
aggatactgt	aagaatgaaa	gaggctgaca	gtagtatgat	gctgggacta	gcattgtgca	57540
ctgagattat	ttctgggaaa	gcaggagata	cggtcaccct	acttatagt	tgcttgtctt	57600
tggattgttg	aatttggagt	ttctatattgc	aggcttattt	caactgggca	gccttgatcc	57660
gcctgcccc	gcaatgctac	cgttctctcc	accgggtctc	tgggaccctt	tcagtcacta	57720
tacttagctc	agttccccac	cctccactc	cctaaaagcg	taaccaggaa	tcctgcctca	57780
ggtctactgc	cgtcttccgt	gggctgtttc	agttcctatt	accagagtc	aaactcccag	57840

cattccctac	ctgattccag	acttggagtc	cagagcttta	acctcttcag	gccaactccc	57900
cactttgcat	ttctgtccct	atatcttagt	ccatggagat	acatttcatg	tctttgagtc	57960
tacttacaaa	gtaaattttg	ctgtttttta	atTTTTTTTT	tgagatggag	tcttgccctg	58020
tcacccaggc	tgtggtgcaa	tgacgccatc	tcggctcact	gcaacctccg	cctcctgggt	58080
tcaagcgatt	catctgcctc	agcctcccaa	gtagctgtga	ttacagacag	gcaccaccac	58140
gccagactaa	ttttttttat	cttttagtag	agacagggtt	tcaccatgtt	ggccaggctg	58200
gtcttgaatt	cctgacctcg	tgatctgccc	atctcggcct	cccaaagtgc	tgagattaca	58260
ggcgtgagcc	actgtgccc	gccaattttg	ctttttttat	atctcattgc	tatatgttta	58320
gaggataagt	ttacagtgtc	atatgcattc	ccaaatatta	gaccaaataa	atctccaaaa	58380
aattagaaag	aaaatccaaa	aaatctcaaa	aaataccaaa	aagcaacaat	ctcacagacc	58440
atactcactg	acccccata	aaataaaatt	agaaattaac	cacaacttaa	caaaataaag	58500
tactcaagtc	agagaggaaa	gaggaaataa	acatcaaaat	tacaaagtct	aggcgggtggc	58560
tcacgcctgt	aatcccagca	ctttgggagg	ccaaggcggg	cagatcacaa	ggtcaggaat	58620
tcgagaccag	cctggccaat	atggtgaaac	cccgtttcca	ctaaaaatac	aaaaattagc	58680
caggcatagt	gatgtgtgcc	tgtaatccag	ccacttggga	ggctgaggca	ggagaatcac	58740
tgaaccaggg	gagacgaaga	ttgcagtgtg	ccaaaatcgt	gccactgcac	ttcggcctgg	58800
gtgacaaagc	gagactccat	ctcaaaaaaa	aaaaaattac	aaactcttta	gatagaaatt	58860
ttggtgtttt	tttttgagac	ggagtctcac	tctgtcgcag	aggctggagt	gcagtgggac	58920
tatgtcagct	caccgcaacc	tccatctcct	ggattcaagc	aattctcctg	tctcagcctc	58980
ccaagtagct	aggattacag	gcgcccacca	ccagaccag	ctagttttta	tatttttagt	59040
agagatggtg	tttcaccatg	ttggccaggc	tggtctcaaa	ctcctgacct	caagtgatcc	59100
acctgcttca	gcctcccaaa	gtgctcagat	tacaggcgtg	agccaccgca	ccccacctag	59160
atagaaattt	caacatgagg	ccgggcacaa	tggtcacgc	ctgtaatctc	agcacttcag	59220
gaggctgagg	cgtgggagga	tcacttgggc	ccaggagttc	aggaccagca	tgggtgacag	59280
agacagaccc	tgtctctatt	tatttgaaaa	aaaaaaaaaa	aaagagagag	agaaagaaat	59340
ttcaacatga	aaagtatctc	tcaaaccctt	cgagatgttg	gcaaaaagcg	actcaaagga	59400
aaatgtatta	ctgtgtgtga	atttgcttga	aaataagaaa	gaggccgggt	gtggtggcta	59460
acacctgtaa	tccaacact	ctgggagtc	gaatcaagtg	gatcatgagg	tcaggagatc	59520
gagaccatcc	tggttaacat	ggtgaaaccc	tgtctctact	aaaaatacaa	aaaattagct	59580
aggcgcggtg	gctcatgcct	gtaatcccag	cactttggga	ggctgaggca	ggtggatcac	59640
ctgaggtcag	gggtttgaga	ccagcctggc	ctacatgggtg	aaacctcgtc	tcttctacaa	59700
atacaaaaat	tagctgggag	tggtgggtgg	tgctgtaat	cccagctact	cagaggctga	59760
ggcaggagaa	tcgcttgaac	ccgggaggcg	gagggttgcg	tgagccgaga	tcgcaccact	59820
acactccagc	ctgggcaaca	gcctgggtga	cacagtgtga	ctccatctca	aaaaatacaa	59880
aaaattagct	gggtgtggtg	gcctgcgcct	gtagtcccag	ctacccggga	ggctgaggca	59940
ggagaatgga	gtgaacctgg	gaggaggagc	ttgcagtgtg	ccgagatccc	accactgcac	60000
tccagcctgg	gcgacagagc	aagactcttg	tctcaaaaaa	aagaaaaaaa	aaggaaaaaa	60060
gaacctgat	aataaagaaa	ccaaatgttc	aactctcaaa	gctcggacac	tttaaagaaa	60120
taattaataa	aggcagaagt	taaaggagg	atgataaagc	aatttttttt	gttgggtttt	60180
ttgagatgga	gtcttgctct	gtcaccagc	ctggagtgtc	gtgatgcgat	cttggctcac	60240
tgcaacctct	gcctcccggg	ttcaagcaat	tctcctgcct	cagcctcctg	agtagctggt	60300
actacaggtg	cgcgccacct	ggcccagcta	atTTTTTgtat	ttttattaga	gacgggggtt	60360
caccatattt	gttaggctgg	tctcaaactc	ctgatctcag	gtaatctgcc	cacctcggcc	60420
tctcaaagtg	ctgggattac	aggcaggcgc	caccgcgcct	ggcctaaagc	aaaatatagg	60480
ttctgtgcaa	aagggtcaata	aaaagagcaa	acgtttacaa	actggagcca	gcaccattc	60540
agctcagtgt	gtctggagaa	aaaacaatct	cgcttcagaa	ttcatgatta	cgcagccctt	60600
tttgcttcct	aaaaatccta	ctatgttgct	gttgaccatt	ctctctcttt	ctctctctct	60660
tgctttctct	ccagaaaagc	tattcagaca	ttctcctctt	tcctcaaacc	tccaacactt	60720
cctcctccat	ccttagcctc	agctgctgac	ctcacttcta	atcattgaga	aaccaggaga	60780
agcattttaag	agtgaacctc	cgcctccccg	cacgggcaaa	accaccacc	cacagaattg	60840
tgccccaatt	ctgcgtcctc	tctctcacc	atggatggac	ggtccaggct	ccgagccaaa	60900
gccaggcctc	ccctggagct	ctggatccac	cacctgcagc	ttctcaggca	gggccccagc	60960
agctcccctg	ctcccttgta	ccatcaatcc	ctccctcac	tggttcactc	ccaacaatat	61020
atatatttag	tgatgtttct	cccattgtgt	aaaatcactt	agcctctctc	ctccccagc	61080
tactatccta	tttggtttctt	tccattctct	gcaaaaactt	tcaaagcatt	gtgtctatgt	61140
gctgactcca	tttatcttct	cccgttctct	gctgagtcct	tcccacagac	tctcacccca	61200
gttactccat	gaaatgacct	ctgcactgcc	acatccaatg	gtgaatgttc	agttcttaat	61260
tttattcagt	ctttcagcag	catttgacct	ggccgatcac	tccctcttct	taaaaatact	61320
tttctcagcc	aggcgtgatg	gctcacacct	gtaatcccaa	cactttggga	ggccaaggcg	61380
ggaggatcat	gagagcccag	gagttcaaga	tcagcctggg	caacatggca	agaccctatc	61440
tctacaaaaa	ctaaaaagta	gccagtgtga	tggcatgcac	ctgtagtccc	atctacttag	61500
gaggctgagg	cagtaggatg	acttgagcct	gggaaatcaa	ggctgcagtg	agccatgatt	61560
gcaccactgc	actccagcct	gagtgacagc	gagaccctgt	ctcaaaaaga	caaaatagga	61620
aacttttctc	agcatattcc	tctgattctc	ctgctgcttc	tgtctgcaca	gattcagctc	61680
cctttgccgg	ttcttcctca	tctcctgat	ctcttgacct	tgaagtgtcc	cagagtacag	61740

tctttttttt	tttttttgag	acgcagtctc	gtctgtcacc	caagctggag	tgcaatggcg	61800
aggtctcagc	tcatgcaacc	tctgcctcct	gggttcaagc	gattctcctg	cctcagcctc	61860
ccaagtagcc	aggactacag	gcacatgcca	ccatgcccag	caaattgttg	tatttttagt	61920
agagacaggg	ttttactata	ttggccacgc	tggtctcaaa	ctcctgaact	cgtgaaccac	61980
ccgcctcggc	ctcccaaagt	gctgagatta	caggcatgag	ccaccacacc	cggcccagag	62040
tacagtcttt	agacggcctc	tctacctata	cttgctcccc	tcataaactc	ctcctgcctc	62100
atggctttta	ataccatcgg	tagactgatg	actcccatat	ttctcttttt	tttttgagga	62160
cggagtctcg	ctcagtcccc	caggctggag	tgcagtggcg	cgatctcggc	tcactgcaag	62220
ctccacctgc	caagttcaca	ccattctcct	acctcagcct	ctccagtagc	tgggactaca	62280
ggcaccgcc	accacgcctg	gctaattttt	ttgtattttt	agtagagatg	gggtttcacc	62340
atgttagcca	ggatggcttc	gatctcctga	cctcgtgata	cgcccatctc	ggcctcccaa	62400
agtgtctggg	ttataggtgt	gagccaccgt	gcccagccga	tgactcccat	atttctatct	62460
cttgctgtgt	gggagttctc	ctcagaactc	catactcata	aatccaactc	tcataaatag	62520
tatctcaaat	gggcaatatg	ctcaaaagtc	aattcctact	tttctcccta	aacttgcttt	62580
cctgcagtct	ccaccatctt	aatgtccaat	ctaaccattag	gaggcaaaaa	ctttgaagtc	62640
attcttgact	cttctctatt	acacacccta	tccaatcttt	ctgcagatcc	agtcgacccc	62700
caaatccagt	tagctctcat	catctccctt	gttaccctct	ggtccaggcc	atcttctctt	62760
ctcacctgaa	tcactgcagc	attctcctca	ctggctctct	tggttctggt	ttcactccac	62820
cttagcatag	tctccacaga	gcagtgcagag	ggatcctttt	aaagtgtaat	tcccatcctg	62880
tccctgctct	gctcaaaacc	ctgtcgtgat	tcccgtttta	atctgtcaga	ttaaaagcca	62940
gagtctttcc	agtgcacctac	atgatctgcc	tattatcacc	tcccacttct	ttccccttgc	63000
tcactccact	ccagctctgc	agctgtcctt	tctgtttcct	gaacagccca	gattttgctt	63060
ctttagaacc	tttgtatttg	ctgtcccttc	tgtctggaat	gtttttccag	gaagtcacct	63120
ggctctctcc	tgcacttctt	tcctgaccac	catgttttaa	aatcactcaa	acacacttca	63180
ggccggacat	ggtggctcac	gcctgtaatc	ccagcacttt	gggaggccaa	ggtgggtgga	63240
tcacctgagg	tcaggagttc	gagaccagcc	tggccaacat	ggtgaaactt	cgtctctact	63300
acaaatacaa	atagtagcca	ggtgtagtgg	cacacacctg	taatctcagc	tactcaggag	63360
gctgaggcag	gagaatcgct	tgaaccacga	aggcagagga	ggtgcagtga	gccaagatca	63420
cgccacaaca	ccccagcctg	ggtgacagag	caagacccca	tctcaaaaaa	aaaaaaagaa	63480
aaaaaaatca	cacaaacaca	cttctcttca	tattcctttt	ccaagtttta	tttttctcca	63540
gaatacttta	cattgtttta	atggaagttc	tccgtttccc	cccaactaga	atggatactt	63600
cctgcaggta	ggcactctag	tcctcccatc	caagtactaa	ccaggctcaa	ccctgcttag	63660
cttctgagag	caggggagat	caggcctggt	caggggtgga	tggcccagga	attttgatct	63720
tgttttattc	attgctgttc	tgttgattct	cttttggtcc	tcctcctagt	gctgagaaca	63780
ctacttgtac	ataataagca	ttcaataaat	atttgttgaa	tgaatgactt	ggtgaatgaa	63840
ttaatctcag	aaatgcagga	ctggttctac	attagaaaat	ttttcaaggt	cattctctgt	63900
tgtcgtaaca	cattaagaga	ggaaaatttt	gtactctaaa	tcatttgata	aaatacatac	63960
tgattttctgt	tttcaaaaac	tcttagtggt	tgggagaggt	ggctcacatc	tataatccca	64020
gcattttggg	aggacgaggt	gggaggatca	cttgagggtca	ggagtgtgag	accagcctgg	64080
ccatcatggg	gaaaccctat	ctctactgaa	aatagaaaaa	ttagccgggt	gtgggtggcg	64140
atgcctgtag	tccagcttac	ctgggaggct	gaggcaggag	aatggcttga	accggggagg	64200
cggagggtgc	agtgcagcaa	gatcatgcca	ttgcactcca	gcctgggtta	cagagtgaga	64260
ctccatctca	aaagaaaact	cttagtgagt	ttaggaatcc	aaggaagacc	ctcaaactaa	64320
atagataatc	tagctaccag	aagccttcag	taaaccttaa	cactccatgg	tgaaacatta	64380
gaaacattcc	tactaaaaga	caggctaaga	atgcctgcaa	tcttcacggc	tagtccaaga	64440
agtcaaaaag	aagaaatgag	cgctgattta	aaaaaataaa	caaacaaaaa	actaccgatg	64500
cagaggctgg	cagcaaggac	tgaaggactg	tacagtactt	gcctggagca	ggcggatggc	64560
cacacccttg	cgaagcctgc	tcagctggct	gggggacgct	ccagtgtgtg	agtggcagga	64620
tgcagggtac	ttcctctgcc	agggagttgc	actggggaga	tcctcccca	ctcacacttt	64680
ggcagctggg	gctttggaat	gtgacttagc	ttctgtcaaa	gggtcaatcc	accctttgat	64740
atatgatgca	aaggcgaaca	tatgatgcaa	aggtgagaga	acagcccaaa	ttaggacttt	64800
taccacagct	gtggagggtg	acagcgacag	tggtgggccc	tggccagact	tttcatgctc	64860
aaagggtggt	gttggtcttc	ctacttcttg	tcctccagg	gcttcctttg	cctgtgtgct	64920
gaacctgctt	cttttaattt	tttttaactt	ttttaaattt	tttaattggt	taattaaaac	64980
aaattttgaa	aactgtctga	acctgctttt	gaacctgctt	atgatttgaa	tgtttgtccc	65040
ctgccaaact	gattttgaaa	cttaatctcc	aaagtggcaa	tattgagatg	gggctttaag	65100
cagtgcactg	atcatgagag	ctctgacctc	atgagtggat	taatggatta	atgagttgtc	65160
atgggagtg	catcagtggc	tttataagag	gaagaattaa	gacctgagct	agcatggctg	65220
ccccttcacc	atttgatata	ttacactgcc	taggggctct	gcagagagtc	cccaccaaca	65280
agaaggctct	caccagatac	agctcctcaa	ccttgacttt	ctcagcctct	gtaactgtaa	65340
gaaataaatg	ccttttcttt	atgaattacc	cagtttcaga	tattctgtta	taaacaatag	65400
aaaacgaact	aaggcaaaact	ctcatgattc	tactgccatg	ccattccaat	aaactccctt	65460
tatgcttaag	agagccagag	ttggccaggc	gtgggtgactc	acgcctgtaa	ttccagcact	65520
ttgggaggcc	gaggcagggtg	gatcacaagg	tcaggagatc	gagaccatcc	tggctaacac	65580
ggtgaaaccc	cgtctctact	aaaaatacaa	aaaaattagc	tgggcgtggt	agtgggtgcc	65640

tgtagtccca	gctactcggg	aggctgaagc	aggaggagaa	tggcgtggac	ccaggaggcg	65700
gagcttgcag	tgagtcgaga	tcgtgccact	gcactccagc	ctgggtgaca	gaatgagact	65760
ccgtctcaaa	aaaaaagaga	gccagagttt	atttctgttg	cttgcaacca	agaaatctgg	65820
ctgggtgcact	gaagtttcca	taaataatag	caatttaaag	actctttcca	agccaggcaa	65880
tgccctagcct	tgtgtagtec	ttgtggtaat	acattcattc	attcattttgt	tcaaccaact	65940
gtgctccaga	gactaagaat	acaaaaatgg	gggccgggtg	tgggtggctca	cacctataat	66000
cctagcactt	tgggaggccg	aggcaggtag	atcacctgag	gtcaggagtt	cgagaccaac	66060
ctggccaaaa	tggtgaaacc	cctactctac	taaaaataca	aaaaattagc	tgggggtggt	66120
ggcggacacc	tgtaatccca	gctactcgtg	agactgaggc	aggagaatca	cttgaaccgg	66180
ggaggcagag	gttgcagtga	gccgagatcg	caccactgca	ctccagcctg	ggcaacaaga	66240
gcgaaactcc	acctcgaaaa	aaaaaaaaaa	aaaaaaagag	ggccggggct	gggcgcagtg	66300
gctcacgcct	gtaatcccag	cactctggga	ggccaaggca	ggagaattac	gaggtcagca	66360
gatcgagacc	agcctgacca	acatgggtgaa	accccatctc	tactaaaaat	acaaaaatta	66420
tccgggctg	gtggcgcaca	cctctagtcc	cagctacttg	ggaggctgag	gcaggagaat	66480
cgcttgaacc	cgggaggcag	agggtgcagt	gagccgaaat	catgccactg	cactccagcc	66540
tgggtgacag	agtgagactc	cgtctcaaaa	aaaaataaaa	aaaaaaaaaa	gaattcaaaa	66600
attgtagagt	tatagtgtgc	ttctagttta	gttgagagga	catctgtcct	tcaaggaagg	66660
ctagaatcta	taccctgagt	ccttactgaa	atcaatccag	cagtcaaaac	atgggaccac	66720
cgatcacagc	agtaagatag	gaagagcacc	tttgtacatt	tagctcatgt	tgagataagc	66780
cactgacaga	gctgaaggaa	gctcacagtt	ctgggttcca	tcctttggca	tttaaaaaga	66840
aaagtgctaa	gaaaattcgg	ttgggtcacgg	tggctcacgc	ctgtaatccc	aacactttga	66900
gaggccaagg	caggcagatc	acgaggtcag	gagttcgaaa	ccagcctggc	caacatgggtg	66960
aaaccccgctc	tctactaaaa	acagaaaaat	tagccgggca	tgggtggcgca	tgccctataat	67020
cccagctact	caggaggctg	aggcaggaga	attgcttgaa	cccgggaggg	ggaggttgca	67080
gcgagtgaga	gcaggccact	gcactccagc	ctgggagaca	gagcaagact	ctgtctcaaa	67140
aaaaaaaaaag	aaaaaaaaagaa	agaaaggaaa	aaaagaaaga	aaaaaaaaaga	aaaaagaaaa	67200
ttcaggccag	gccaggcctg	gtggctcaca	cctgtaatcc	caacactttg	ggaggctgaa	67260
gcgagacggg	gccttagccc	aggagtttga	gaccagcctg	agcaacatag	cgagaccctg	67320
tctctataaa	aaaaaatttt	tttttggcca	gacgcagtg	ctcacgcctg	taatcccagc	67380
actttggggag	gccgaggcag	gtggatcacg	aggtcaggag	atggagacca	tcctggctaa	67440
cacggtgaaa	ccccatctct	actaaaaaat	acaaaaaatt	aaccgggcgt	ggtggcgggc	67500
gcctgtagtc	ccagctactc	gggaggctga	ggcaggagaa	tggcgtgaac	ccgggaggcg	67560
gagcttgcag	tgagccgaga	ttgcgccact	gcactccaga	ctgggagaga	gtgagactcc	67620
gtctcaaaaa	aaaaaaaaaaaa	aaaaaaaaaat	taattgtcag	gtgtgctggc	atgcagctgt	67680
agtcctagct	actcgggagg	ctgaggtaag	aagatcgctt	gagcccagga	gttcaaggct	67740
gcagtaatag	tgccctctcac	tctaccctgg	gtgacaatga	gaccctctct	caaaaagaaa	67800
gaaaaaagg	aaagaagaaa	agaaagaaa	aaagagaaga	aagggaaggaa	gaaagaaaga	67860
aaaagaaaa	gaaggaagga	agaagaaaa	aaaagaaaga	aagaaaagag	agagaagttc	67920
aaagaccaa	gggtcaggat	cccaaaatag	tttttatgtt	ttattttatt	atttacttat	67980
ttatttttga	gacagtatgg	ctctgtcgcc	caggctggag	tgcagtgatg	cgattgcggc	68040
tactgcagc	ctccaaactg	ggctcagggtg	gccctcccac	ctcagcctcc	cgagtagctg	68100
ggaccacagg	cgcggtgccac	catgccccagc	taatttttta	attcttttga	gagatgaggt	68160
ctctatatgc	tgcccagggt	ggctctcgagc	tcctgggctt	aagccatcca	cccgccctggg	68220
cctcccaaag	tgctgggatt	acagaagtga	gccaccgcgc	ctaategggt	ggttttgtttg	68280
tttattgacg	gggtctcgct	gctgcccagg	ctggagtgcc	agtggctgtt	cacagggtgca	68340
gtcctggagc	attgcatcag	ctcttgggct	ctagcgatcc	tccagagttag	ctgcagctgg	68400
gattccaggc	gcgccaccgc	gcggggctca	gaatgggttt	ttatatgtag	ggttatgctg	68460
ccacctagag	gatatatgta	gtaccgaact	gtgtgcgcag	ggaggctgag	gttgcagtga	68520
gccaagatga	tgccagggca	ctccagcgtg	ggtgacagag	caagatttca	tctcaaaaaa	68580
aaaaaaaaaaa	aaaaaaaaaaaa	aagaattgaa	agtaaggctc	tgaagagata	tttgtgcctg	68640
tatggtcata	gcagtattaa	ctttgaccca	ctagctaaaa	cacaaaagca	acatgtgtct	68700
gtcagcaggt	gaacggataa	acaaaatgtg	gtatatatgt	acaattgaat	attattcagc	68760
ctttaaaaaag	gaataaaaagg	ctggatgcgg	gggctcacgc	ctgtaatcct	aacacttttg	68820
gagactgagg	tgggtggatc	acccgagggt	aggagtttga	gaacagcctg	gccaacatgg	68880
tgaaacttca	tctctactaa	aaatactaaa	attagccggg	catggtggca	cttgtctgta	68940
atccaagcta	ctggggaggc	taaggcagga	gaattgcttg	aactcaggag	ccggagggtg	69000
cagtgaagta	agatggcacc	actgcactcc	agcctgggca	acagagttag	actccatctc	69060
aaaacaaaca	aacaaaaaat	tattatttcc	aaagaaacaa	gaccctgggt	ccatttccca	69120
gcccacacct	gatgttgact	cacaacacac	agcctgggtt	gctatgagcc	tgcttcattt	69180
aattgtcacc	ttaacttcac	atcacctcca	agtcctggaa	taactctttg	ctgacctttg	69240
tgtgctgagc	catctccatg	tcgctcaacg	tgcagtcctt	ctcactgcac	tgagtcaata	69300
gccagacgtg	gtctgactgc	agggtcatcc	ttgggtggctt	aggctgactc	gggcatagca	69360
gggtgctctg	agacctcacc	gcataatagg	tttgccccc	ataaactcta	tataatattc	69420
atattatgtg	gtctgggtgt	gtgtagcttt	gcactgtctt	ctcgtgacag	tgccctcaac	69480
ctctttccca	ggatttcttc	ctctacctcc	tcaagtccca	ctgctctgca	aagaccaaaa	69540

gctgcagagt	cccagctccc	tccttttacac	cccacgacgc	agcctcctct	ctcagaaccc	69600
tttaaacaga	gtcttttact	gcagatccca	agaacagcca	cacccctctc	tcccacccac	69660
tccagacaca	cccaggtaat	tatagcacc	agggtacta	tgtagatgga	gtccctggaa	69720
catgtggata	gtgccccctg	ggagtatgca	aaagcaacat	tgctggcacc	tgcagagaac	69780
agggtgacat	ccaggaatca	gagcatgggc	ctctgggagg	tagggatgtg	gccaggcagg	69840
ctgccaaaaa	ttggtagagc	aaggccacag	gatctttctg	accttccttc	caaacagagg	69900
ctcctgtact	ggtgatccct	gtgttgattg	accactccct	tcctgggggt	cgtggtctct	69960
gtcccagttg	cccggacttc	tgtgagtgtc	ctactgaggt	ccttttcatg	agaagcatgc	70020
tgtccttcca	cctgctggga	gcaagagtga	caacttcaat	actataatag	cagtggcata	70080
cagagaagaa	gaaagatgaa	gtggcaagaa	aaacaggcct	ccaagcagga	gtttttctat	70140
aaaaacaaaa	acgttttaca	gcaaactttt	tataaagggc	tagatagtaa	atattttagg	70200
cctttgagagc	cacatagact	tgtttgcagg	gactcaatgt	cgctattgta	gtttgaaagc	70260
agccatcagg	gttatgtaaa	tgagtgtgtc	tgattttgtt	tcagcaaaat	tttatttacc	70320
aaaacagaca	atgagtgggc	tggatttggc	ccatgatcct	tagtttgcca	actcctgctt	70380
tgggctcacc	cagatctgat	tttgaattct	ggctctgcta	ctggttagct	gcaggagctt	70440
ggaaggctct	ctgagcctgt	ttcctcatct	gtaaaattaa	agcaataatt	tctaactctc	70500
aagagtgtta	cctcacgcct	gtaatcccag	cactttggag	gctgaggcag	gcggatcacc	70560
tgaggtcaga	agttcaagac	cagcgtggcc	aacgtggcaa	aaccctgtct	ctactaaaaa	70620
atacaaaaag	tagccgggca	tgggtggcgcg	catctgtaat	cccagctact	tgggaggctg	70680
aggcagggat	actgctagaa	cctgggagggt	ggagcgtgca	gtgagtggag	atcacacctc	70740
cacactccag	cctggcccgac	agagcgagac	tccatctcaa	aaaaaaaaaa	aaaaagagtg	70800
ttagaagggt	ttgagataat	gaataaaaaga	tgccttgtgt	atactaagta	ttcaacaact	70860
gatagctgca	ttgggtcta	tataacagtt	tagaagcgat	tgagtcaaca	aatgctggat	70920
ttgtcaggga	ggacttccta	tcaggaggta	gatcttgggc	tgagtctga	agcaaagata	70980
ggcattggat	agaggagtgt	agagaacacc	ctaggactgt	tattattatt	attcgacacg	71040
gagtctcttg	ctctgtcacc	caggctggag	tgcagtggcg	cgatctcggc	tcactgcaac	71100
ctctgcctcc	caggttcaag	cgattctcct	gcctcctaag	tagctgagac	tacaggtgtg	71160
tgccaccaca	cccggcta	ttttatat	ttagtagaga	cagagtttca	ccatgttggc	71220
catgctggtc	togaactcct	gacttcaggt	gatccaccgc	cctcagcctc	ccaaagtgtc	71280
ggaataacag	atgtgagcca	ccgcacccag	cccagaacca	tttttcaatc	ccttggtctg	71340
ccttttatta	gctgcaagat	ctcaggcaat	ttatttaacc	tctccaaaga	ctcattttct	71400
cattcacaaa	atgaggcaaa	taataatatc	tactatccca	ggttgtcatg	agaattaaat	71460
gcaacatgac	atttaatgaa	atgagaagtc	ccttggacat	taactggcta	aagtatgtgc	71520
tcgacaagga	tatcatttta	ggtggatact	tagcatctca	gaactgatgc	tcacaatgga	71580
atatcattga	aacgcattaa	aattcatttt	aaatgattgt	aggtagtgag	gcaattgaaa	71640
gaagaagaca	agaggactga	ttataatgct	tcaggctcac	tagtctcctt	ttaggaggga	71700
aaaacaattt	caagttaa	tttaggctct	agatttttac	ccctgctgct	cattagaatc	71760
accagatttg	atgaaatcag	agcccatctg	aggctgtgtt	tttcatctcc	agaatgagag	71820
ctgttgtggg	gattaagttt	ttgaaaaagt	acatctaaca	ggtgatcgaa	aatgatagtg	71880
atattattgc	agtgatggtc	attattgttg	ttattattat	actgaaagag	gcttcagttt	71940
tctgatccat	aaagtgaggg	aattgcatga	gaccattgct	aagattcctt	ctagctctgt	72000
ttttttgttt	ttgtttttta	gacagagtct	ctgtcgccca	ggctggagtg	caatggcatg	72060
atcttggctc	actgcaacct	ccgcctcccg	ggttcaa	atcctcctgt	ctcagcctcc	72120
gaagtagctg	ggactacagg	cacacaccac	catgcccagc	taacttttat	attttttaata	72180
gaggtggggg	ttcaccatat	tggtcaggct	ggtctcaa	tcctgacctc	aggtgatcca	72240
cccgcctcgg	cctcccaaca	tgctgggatt	acaggcatga	gccactgtgc	ccaacccctt	72300
ctagctttct	tgatcactga	ttctagggtt	ctctgctgaa	atatatttga	gacatcctgg	72360
ataaaagatc	atgcaagagc	tcccaatatg	gtattaataa	ttgattctgg	aggcttagct	72420
actcctgatg	gattagacat	gactcaactg	cctctcttat	gtgtacaaca	caacaacaca	72480
accaagaaag	gttattctgg	cattccattt	attcagttta	tttacagccc	ttacttccag	72540
cagcacgtta	aagatatggc	caggggccggg	tgcagtggct	caagtctgta	atcccaggac	72600
tttgggaggc	caagggtggc	ggatcacaag	gtcaggagtt	tgagaatctg	gcaattcttc	72660
agacttagaa	gcaaccagct	cgataacaca	gtcttgtgtg	ggctctccct	ctgtccctcc	72720
ctcgcttccc	tcattttctca	tccctgcccc	tgagactgtg	caccttcaca	tagccctgcc	72780
atgagacctt	catctcaggc	tttgctttct	ggggtactg	aggctaaca	ctgagtggcc	72840
ctaaaagagg	attgggattt	ggaagttaga	ttattcacca	gagaacagac	tttgctgatg	72900
atcaggccca	ggttgtta	gttgaaaaa	agagaggatg	catagtctta	tctcatctcc	72960
tagtcaaagt	caacaccatg	ataaataaga	gtcaaatcct	gagatgtgaa	ttggggacat	73020
ttgagtgggt	aaccctgaga	agcttgacc	ttcagacccc	tcaatacccc	tgctccccag	73080
agaaggctgg	acattgacct	cagcacaggc	aggagccctg	caagatgcca	tttgtcctac	73140
taaagatgga	ccctccact	ctgtttctag	gtaaataacc	aaagtcaagt	ctccacacag	73200
cctgagcaag	aaagtacag	cctgctacag	gagaaaatac	cacactggcc	aaaggattca	73260
ctagccctgg	ccactgtgtg	tgggaggaac	cagggaatca	tgtgtgggag	tcaatgttga	73320
agctgttgga	ctgggggtgg	ggtggaatat	aagcctggcc	ctggggaggt	tttcccgttt	73380
gagggccttt	accacaaact	caagatccag	tgctatagca	ggagatccca	gagctagtcc	73440

taacagatgg	tcaggattga	acttggccta	gagtaaaatg	aggaggatag	tgccagaact	73500
ttctcaacat	actattgagg	aagaggtcag	aaggcttaag	gaggtagtgt	aactggaaag	73560
gggtcctgat	ccagacccca	ggagaggggt	cttggacctt	gcataagaaa	gagttcgaga	73620
cgagtccacc	cagtaaagtg	aaagcaattt	tattaaagaa	gaaacagaaa	aatggctact	73680
ccatagagca	gcgacatggg	ctgcttaact	gagtgttctt	atgattattt	cttgattcta	73740
tgctaaacaa	aggggtggatt	atttgtgagg	tttccaggaa	aggggcaggg	atttcccaga	73800
actgatggat	ccccccactt	ttagaccata	tagagtaact	tcctgacgtt	gccatggcgt	73860
ttgtaaactg	tcattggccct	ggaggggaatg	tcttttagca	tgtaaatgta	ttataatgtg	73920
tataatgagc	agtgaggacg	gccagaggtc	gctttcatca	ccatcttggg	tttgggtggg	73980
tttggccggc	ttctttatca	catcctgttt	tatgagcagg	gtctttatga	cctataactt	74040
ctcctgccga	cctcctatct	cctcctgtga	ctaagaatgc	agcctagcag	gtctcagcct	74100
cattttacca	tggagtcgct	ctgattccaa	tgccctcgac	agcaggaatg	ttggaattga	74160
attactatgc	aagacctgag	aagccattgg	aggacacagc	cttcattagg	acactggcat	74220
ctgtgacagg	ctgggtgggtg	gtaattgtct	gttggccagt	gtggactgtg	ggagatgcta	74280
ctactgtaag	atatgacaag	gtttctcttc	aaacaggctg	atccgcttct	tattctctaa	74340
ttccaagtac	cacccccccg	ctttcttctc	cttttccttc	tttctgattt	tactacatgc	74400
ccaggcatgc	tacggcccca	gctcacattc	ctttccttat	ttaaaaatgg	actggggctg	74460
ggcgcggtgg	ctcatgcctg	taatcccagc	actttgggag	gccgagggcg	gcggtatcatg	74520
aggtcaggag	atcgagacca	tcctggctaa	cacggtgaaa	ccccgtctct	actaaaaatg	74580
caaaaacatt	agccaggcgt	ggttgcagg	gcctgcagtc	ccagcggctc	aggaggctga	74640
ggcaggagaa	tggcgtgaac	ctgggaggtg	gaggttgcaa	tgagccgaga	ttgtgccact	74700
gactccagc	ctgggtgaca	gagcgagact	ccgtctcaaa	aaaaaaaaaa	aaaaaaaaaa	74760
tagctgggca	tgggtggcgcg	tgccctgta	accagctact	ctggaggctg	aggcaagaga	74820
atcgcttgaa	cccagtaggc	ggaagttaga	gtgagccgag	atcttgacac	tgactccag	74880
cctgggtgaca	gagttagact	ctgtctcaaa	aaaaaaaaaa	agaaaaaaaa	agacagaaag	74940
aaagagcaca	gacagagtca	caggtatttg	cagtaggaag	ctgtcaggtt	agagtgcacg	75000
gaaatagaaa	gtatatatta	cacttacagc	acatcttctg	ttgattagcc	acatttaaaa	75060
tactgaatag	caacgtgtgg	ctatttagta	ttcactaaaa	tcttggacag	tgcaagtcta	75120
aagaatcctt	gatccgtccg	gcatgggtgg	tcacgccttt	aatcccagca	ctttgggagg	75180
ccaaggtgga	aggatcactt	aaggtcagga	gttcgagacc	agcctggcca	acatgggtgaa	75240
acctcgtctc	tactaataat	acaaaaaaaa	ttagccgggc	atgggtgggtg	atgcctgtaa	75300
tcccagggtac	ttgggagggt	gaggcaggag	aatagcttga	atccaggagg	cgctgcagtg	75360
agccgagatc	atgccatgcc	actactgcac	tccagcctgg	gcaacagagt	gagactgtct	75420
caaaaaaaaa	aaaaaaaaattg	ttgggcgtgg	tggtcacgc	ctgtaatccc	agcactttgg	75480
gaggctgagg	gggggtggatc	acctgggttc	tggagttcga	gaccagcctg	gccaacatgg	75540
tgaaacccca	tctctactaa	aaatacaaaa	attagctggg	cgtgggtgggtg	ggcacctgaa	75600
atctcagcta	ctcaggaggc	tgaggcagga	gaatttcttg	aaccagggag	gcagaggttg	75660
cagttagcca	agatcgcgcc	tctgcactcc	atcctgggtg	gcagagcaag	actatgtctc	75720
aaaaaaaaaa	aaaaaaaaatac	ttgattgtct	ggacattctg	cagaacatca	tatggagaca	75780
ctatgttgac	gacatcatgc	tgattgtaag	caagaaatgg	caagtgttcc	agaaacacag	75840
tcaagacaca	tacatgccag	aaggtgagat	ataaactcta	ctaagattca	gtggcctgcc	75900
acactggtga	cattttttaa	cctgctagat	gtttgtgtag	aaaaggattt	aaccttgccc	75960
aaagaggggt	ctggcccttg	tccccagcta	ctggacataa	tctctttaa	ctcttgaaat	76020
atcattcctg	atagaagtat	ttttgttttg	actagggggc	ttgggcccagc	cagatagcaa	76080
caatgtgatc	tgggttgggg	gctttggatc	aggtggcatc	agtgtgacct	cctgagtggc	76140
tagagactag	aatcaaccac	atgggcagac	aaccagctt	acatgatgga	attccaataa	76200
agactttgga	cacaagggtc	tgggttaagc	ttcctgggtg	gcaatgctct	atactgggaa	76260
acccattctg	actccatagg	gagaggacaa	ctggatatct	tcatttggtg	cctccctggg	76320
ctttgcccta	tgcatTTTTT	ccttgtctga	ttattattat	tattatgaga	tggaatctcg	76380
ctctgtcacc	caggctggag	tgcatgggaa	tgatctcaac	tcactgcaac	ctctgcctcc	76440
ccggttcaag	cgatttttct	gtctcggcct	cccagtagc	tggtgactaca	gatgcatacc	76500
accacacccg	gctaattttt	ttgtattttt	agtagagacg	gggtttcacg	ttagccagga	76560
tgggtctcgat	ctcctgacct	catgttccgc	ctgcctcggc	ctctcaaagt	gctaggaata	76620
catgtgtgag	ccaccgcgcc	cagccccctt	ggctgattat	taaagtgtat	ccttgagctg	76680
tagtaaatta	taaccgtgaa	tataacagct	tttagtgagt	tttgtgagca	cttctagcaa	76740
attatcaaac	ctaaggatag	ccttggggac	ccctgaactt	gcagttgggtg	tcagaaataa	76800
gggtgctcat	gtgtgtacca	tgccctctaa	ttttgtagtt	aattaacttt	cacaacttta	76860
ttattaccgc	ttacactcaa	tgtttattca	catttatcca	cataccactt	attctagtgc	76920
cttgcaccaa	agacttttcta	tctcatgtac	tttattctgc	ttgaagtaaa	tccttttagga	76980
tattcttttt	ttttttttaa	ctttgcacat	acatactttt	attttttatt	tatttttaat	77040
tttgttattt	ttgtgggtac	gtagtagata	tatgtattta	tggagtacat	gagatgtttt	77100
gatacaggca	tgcaatgtga	aataagcaca	tcattggagaa	tgggggtatcc	atcctctcaa	77160
gcaatttatc	cttcaagtta	caaacaatcc	aattacactc	tttaagttaa	tttaaaatgt	77220
acattttaatt	ttgtattgac	tagagtcact	ctgttgtgct	atcaaatata	attttttttt	77280
tttttgagac	agagtctcac	tcagtggccc	agactgaaag	tgcaagtggca	caagctcggc	77340

tcacttcaat	ctctgcctcc	ctgggttcaag	cgaatctcct	gcctcagcct	cccacatagc	77400
tgggattaca	ggcacacacc	accatgccca	gctaattttt	atattttttt	agtagagacg	77460
ggttttcgcc	atgttggcca	ggctgggtctt	gaactcctgg	cctcaaatga	tctgaccacc	77520
tcagcctccc	aaagtgcctag	gattacaggg	atgagccacc	acacctggcc	aaaatagaat	77580
attcttttagt	gaggtctgct	ggtgacaatt	tttttctttt	ttttgagact	gagtctcgct	77640
gttgtcagct	tgggctggag	tgcaatagca	cgatctcagc	tactgcaac	ctccacctcc	77700
cggattccag	caattctcct	gcctcagcct	cccaagtagc	tgagagatta	caggcaccca	77760
ccaccacacg	cggctaattt	ttgtattttt	agtagaaatg	ggggttcacc	gtgttggcca	77820
ggctgggtctc	gaactcctga	cctcaggtga	tccaccacc	ttggcctccc	aaagtgcctgg	77880
gattacaagc	atgagccacc	acgcacagcc	aattttttcc	gtttttgtct	gaaatcttat	77940
tttgtgtcat	ctttgaaata	tattttttgat	ggatataaaa	ttgttgggtg	atagttatta	78000
tcattattat	tattattttg	agacaggggtc	tcactctggt	gcctatgctg	gggtgtagta	78060
atgtgatctc	gggtcactgc	agacttgacc	tcctaggggt	cagggtgatct	tcccacctca	78120
gcctccctag	tagctgggac	tacagatgca	tgccaccata	cccaactaat	ttttctattt	78180
tttgtagaga	tgaggctttg	ccacatttcc	caggctgggtc	tctaactcct	gagctctagc	78240
aatccaccca	ccttggcctt	acaaagtgc	gggcatgac	tagccagcag	ttacttttta	78300
tagcatattg	aatatttaat	atgaatcttc	tggcatccac	tgtaactggt	taaaaaatca	78360
gctgtttact	tggcactcct	tttttttttt	ttttttttga	gacagagtct	tgccctgtcg	78420
cccaggctgg	agtgcagtgg	cgtgatcttg	gctcactgca	agctctgcct	cccgggttca	78480
cgccattctc	ctgcctcagc	ctccggagta	gctgggacta	aaggcgcccg	ccaccacgcc	78540
cggctgattt	ttttgtattt	ttcgtagagt	tggggtttca	ccgtgttagc	caggatgggtc	78600
tcgatctcct	gacctcgtga	tctgtccgcc	tcggcctccc	aaagtgcctgg	gattatagggc	78660
gtgagccacc	gcgcccagcc	tctttttttt	tttttttttag	acggagtctt	actctgtcat	78720
ctaggctgggt	gtacagtggc	gtgatctcag	ctcagtgcaa	cctccacctc	ctgcctcagc	78780
ctgccaaata	gctgggatta	cagggtgcgta	ccatcacgcc	cggctaattt	ttgtattttc	78840
agtagagatg	gggtttcacc	atgttagaca	ggctgggtctc	gaactcctgg	cctcaagtga	78900
tctgcctgcc	ccagcctccc	aaagattaca	ggcatgagcc	accgcacccg	gccaagtagc	78960
actcctttga	aggtaatctg	cttcccctac	ccctagcaat	ttttaacaat	ttttcttcat	79020
ttttatttcc	tgaagttttg	ttattaataa	tctgtgtgca	gatttctttg	tatttctttt	79080
gtttgcagtt	catagtgttt	cttgaattag	tgtgttgggt	tctgttatca	ccacaggaaa	79140
attgtcagcc	gttagctttt	caaataattt	cttgctaaat	tctctcttct	cccctttcgg	79200
tacaattgat	ttgattaaaa	ctaaaaccag	ggccgggtgc	agtgactcat	gcctgtaatc	79260
ccaacacttt	gagaggctga	ggcagggtgga	tcacctaaagc	tcaggagtct	aagaccagcc	79320
tggccaatat	ggtgaaaccc	cgtctctact	aaaaatacaa	aaattaccag	gcatgggtggc	79380
acacatttgt	agtccaggagg	ctgaggcagg	agaattgctt	gaatccagga	ggtggagggtt	79440
gcagtgcagc	gagatcccac	cactgcagtc	tggcctgggc	gacagagtga	gatgagaatc	79500
tgtctcgaaa	aaaaaagtta	tgaatgtttg	ataaactata	tttggttagaa	tgtttgttgt	79560
agaatactat	tcattgattt	ttaaacaatg	ttagattaaa	ccattcactg	gatttgtgat	79620
aattaactta	ctgattttac	ctcactgatt	tgttgtaatt	aatacaactg	gtataaaaag	79680
actgtgacga	ggccggggcat	ggtggctccc	gcctataatc	ccagcacttt	gggaggctga	79740
ggcaggcgga	tcacctgagg	tcaggagtct	aagaccagcc	tgaccaacat	ggtgaaaccc	79800
catctttact	aaaaatacaa	aattagccgg	tcgtgggtgg	gcatgcctgt	aatcccagct	79860
cttcggggagg	ctgtggcagg	agaatcactt	gaacccggga	ggtggagggtt	gcagtgcagc	79920
gatatcgccg	cattgcactc	cagcctgggc	aacaagagcg	aaactccgtc	taaaaaaaaa	79980
aaagaaaaaa	aacacataaa	acaaaacaac	actgtgacgg	ttcccaaaaa	ttaggagcat	80040
aattaaagga	actcctgata	aaaattaatt	ttatcttaca	tgtaaactaa	aatgacttta	80100
tgaagttaat	tcagaaatac	aatgcagggt	attagtttgc	cacagctgcg	tattcagcct	80160
aatgtaatat	tcttgttatt	tttaaatctt	tcttttaact	ttactcatat	gtggatcatc	80220
aaatttcaaa	agattaaatg	acaatactct	tagcagcaag	cttccctaag	catataaaca	80280
ttttaatggg	tgatgattca	gaaggtaacc	gaagaatatg	tactgccaga	tatcattcac	80340
ccccatatac	ctgcccagaca	gacatcccat	tttgggaccc	tggataaatg	tgtgggtgga	80400
gagaaagata	ggagaaagtg	gtataagcaa	atggcctttg	agtctgattg	acagcgattg	80460
aaatcctgtc	tctacctctt	aacagcctca	tgatcctaca	taagttacce	cgatcctcag	80520
ggccacatct	gtaaattggg	ggttgcgatg	gcagccatct	cacagggtct	cttttcgggg	80580
aagggcagga	attatggatt	aagtgcagta	gtaattgtaa	agcacttaat	acaaggaggg	80640
cgcataataa	gtacttcata	aataatgacg	gccattatca	tgactgaggt	gtatgcagct	80700
gtcggggatt	acggcgactt	cagaatttct	ggtgggcagg	gctcaaaggc	agcaaatcac	80760
actggaagtc	gaggtgaggc	actgcttctg	cacagactgc	ttagctggag	agaatgagga	80820
aggcttagag	gagattttaga	ggaacttaga	gtcctccgcc	tccaactctg	tgggatctgc	80880
tcccgtgcca	gagacattca	ggggatttct	cgcactctcc	cctcccctac	gtccctcccg	80940
ccccatccaa	ctaaccacac	aacacataca	aaatagcccc	tgcgaggttc	tgcacgctgg	81000
aagggaacag	gagaaggggcg	ctgcgctttc	ttgctgatgc	cctgtacttg	ggccctgggt	81060
agacacagcc	acttgctccc	tcagcctgca	gagaaatccc	acgtagaccg	cgcccggggtc	81120
cttgggttca	gccaatctcc	ctttgggtggg	ggtgggatgc	acgatccaag	gttttatagg	81180
ctacagacag	cgggggtgtgg	tccgccaaga	acacagattg	gctcccaggg	gcactctcga	81240

tccctggtgg	ggcgccgctc	agcctcccgg	tgcaggcccg	gccgaggcca	ggaggaagcg	81300
gccagaccgc	gtccattcgg	cgccagctca	ctccggacgt	ccggagcctc	tgccagcgct	81360
gcttccgctc	agtgcgcctg	gacgcgctgt	ccttaactgg	agaaaggctt	caccttgaaa	81420
tccaggcttc	atccctagtt	agcgtgtgac	cttgagcagt	tgactttatt	tttcagtgcc	81480
tagttttcca	gataccagga	ctgactccaa	ggactattac	tcatctggag	ggtttagcac	81540
agtaccgtcg	catagtaaat	ttccatgtca	gttttggtta	cctttcatgc	acttgcaaac	81600
atgccatgct	ctgaaacgaa	ataggcacat	cttttttttt	ttttttttta	aggagtcttc	81660
ctctcgccca	ggctggagtg	cagtggcgcg	atcttggttc	actgcaacct	ccacctcccg	81720
tgttcgagat	tctcctgcct	cagcctcctg	attagctggg	actacaggca	tgccacgacg	81780
cccagttaat	ttttgtattt	ttagtagaga	cggggtttcg	ccatcttggc	caggctggtc	81840
taactcctga	cctcaggtga	tctgactgcc	tcagcctctc	aaagtgttgg	gattacaggc	81900
ataagccact	gcatctggcc	agaaatgaaa	taagtaaadc	ttttaacctg	ctctaacaat	81960
atagtgaaaa	gaccatatta	ttattagagc	aggttaaggg	atttgcctat	ttcgggttct	82020
agttatagtc	ttaaacttgg	acattcttgt	agaaagtaaa	aagtttcctc	ttcaaagtcc	82080
cccttcttgt	taaagaatac	atcataagtg	ttagaagtaa	tagttttatt	taaagactaa	82140
ctttcttcaa	gcctccttgc	tttgtgctaa	taactctttg	ttaagcccta	tcctatgtaa	82200
ctggttgaca	tgctcacagg	cacgttccag	ttcacagcct	atgccccttc	cttatttgga	82260
aatgttattg	cttccttaaa	cctttcggta	agcaacttcc	tctccttctt	cgttcttctt	82320
tgcacttacc	tatttagaaa	gttttaggct	attagcaaat	cggctatcag	tttaagagtg	82380
tgaggccccg	ctccagccaa	tggatgcagg	acatagcagt	gaggacgacc	caaatgcgta	82440
agggtataat	atgtttgctt	ttcctttgtt	cagggtgtgt	ctcgacatcg	ttccatctgc	82500
gattgagcac	cctttctgca	gaaagttaaag	attgccttgc	tggagatctt	ttgtctccgt	82560
gctgactttt	cttcgtggca	ccgattatct	atttctaaac	attttggtat	ttctaacatt	82620
ctgaacaatc	ttgggctagt	tgtctcttct	gggctgtttt	ccccatccgt	cacatgataa	82680
acttcattgg	tttaaaaacc	ccagcgaaca	tttattgagt	tactattacc	ttcctgccct	82740
ccccaacccc	aaccccaggg	agcagttaca	acctcagccg	ctgagcgcac	tcgccgggtg	82800
ttaagaagca	ccaaagacag	ggaggcttga	ttgattttgc	tttgggagta	gagggtcaga	82860
agattcacag	gaaaatggca	tttgagcaag	gatgattcac	tggagctagc	ttttaataac	82920
tggcgaggct	tttatgttgc	agtcccttac	aaagttagac	attcgcaggg	actgcactcc	82980
gaaataagcc	cgttcccttc	tttcattcgc	taatgatcca	gggagctgct	ggttccgcac	83040
gcggcagggt	gtgccttttc	ctaatacagg	ttctgcatcg	cctcgaaccc	gcaggccgtg	83100
gcgggttctc	ctgaggaagc	agggactggg	gtgcagggtg	aagctgctcg	tgccggccag	83160
cgctgtgag	caaaactcaa	acggaggagc	aggaggggtc	gagctggagc	gtggcagggt	83220
tgaccctgcc	ttttagaagg	gcacaatttg	aagggtaccc	aggggcccga	agccggggac	83280
ctaaggcccg	ccccgttcca	gctgctggga	gggctcccgc	cccaggaggt	tagttttgca	83340
gagactgggt	ctgcagcgct	ccaccggggg	ccggcgacag	acgccacaaa	acagctgcag	83400
gaacgggtggc	tcgctccagg	caccaggggc	ccgggaaaga	ggcgccgggt	gcacgcgcgg	83460
gtcacgtggg	cgatgcgggc	gtgcgcccct	gcacccgcgg	gagggggatg	gggaaaaggg	83520
gcggggcccg	cgttgacctt	cccgtgaagc	ctagcgccgg	gaaggaccgg	aactccgggc	83580
gggcggtttg	ttgataatat	ggcggttggg	gctgcctggg	catcccaggg	aggcggtggg	83640
gcccactccc	ggaagaaggg	tcccttttcg	cgctagtcca	gcggcccctc	tggacccgga	83700
agtccggggc	ggttgcctga	tgaggggagc	cgggcccctc	ccgcgccagt	ccccccgcac	83760
cctccgtccc	gacccggggc	ccgccatgtc	cttcttccgg	cggaaaggta	gctgaggggg	83820
cgccggccgg	gagtcaggcc	gggcctcagg	ggcgccgggt	gggcagggtg	gcctgcgagg	83880
gctttcccca	aggcggcagc	aaggccttca	gcgagcctcg	acctcggcgc	agatgcccc	83940
tgagtgcctt	gctctgctcc	gggactcttc	tgggaggggg	aagggtggct	tcttgccgca	84000
ggtcagagga	gtattgtcgc	gctgggttcag	aagcgattgc	taaagcccat	agaagtctct	84060
gcctgttttg	ttagaacag	ttcttaggtg	ggggttagtt	tttttgtgtt	tctttgagga	84120
ccgtggatca	agatcaagga	aatctcttta	gaaccttatt	atggaagtct	gaagtttcca	84180
aatgttgagg	gttttatgtc	taaaagcaac	acgtgaaaaa	attgttttct	tcacccagtg	84240
ctgtcttcca	atttcctctt	tggggggagg	ggtagttact	gctgttacta	aaataaaaatt	84300
acttattgct	aaagtcccc	aacaggaaga	ccactacttt	tgatgacttt	ggcaagtttg	84360
ctaactactg	gaaccctaac	ttacaaacga	actacttaca	tttttgattt	ccagttgtat	84420
tacctgccc	atgtttacgt	agaaacagct	taattttgat	tctgggtaac	gttgttgcac	84480
ttcattaaaa	atacatatcc	gaagtgcagc	agtatgggtc	tgtggacagc	agtgattttt	84540
cctgtcaatt	cctgttgctt	cagataaaat	gtaccagaca	gaggccgggc	gcgggtggctc	84600
acgcctgtaa	tcccagcact	ttgggaggct	tggcggggtg	atcacctgag	atcgggagtt	84660
caagaccagc	ctgaccaaca	tggagaaacc	ccgtgtctac	taaaaataca	aaattagcca	84720
gggtgggtggc	gcatgcctgt	aatgccagct	acttggggag	ctgaagcagg	agaatcgctt	84780
gaacctggga	ggcgagggtt	gcgggtgagc	gagatagcac	cattgcactc	cagcctgggc	84840
aaaaagagcg	aaactccgtc	tcaaaaaaaa	agtaccagac	agaaatgggt	tttggttttct	84900
ttttttgttt	tgagacggag	tttcgctctt	gttgcccagg	ctcgagtcca	atggcgcgat	84960
ctcagtctcg	gctcactgca	acctctgtct	cccagggtta	atcgattctc	ctgcctcagc	85020
ctcccaagta	gctgggatta	cccatgcccc	accatgcccc	gctaattttt	gtatttttag	85080
tagaaacggg	gcttcaccat	gttaggctgg	tcttgaaccc	ctgacctcaa	gtgggcctcc	85140

cacctcgggc	tcccaaagt	ccaggattac	aggcatgagc	caccgcggcc	agccagaaat	85200
gggttttgga	aaaagcacta	aacaaaatcg	aacttggttt	catatgacag	ctctgctgct	85260
aactgtaaca	ggggcagacc	agttaaccta	cttttctgtc	ttctgtcagc	tgagaattag	85320
atgattccca	aaggcccat	gaactctgaa	tgacttttaa	tacttcttct	taagtgggta	85380
cacggttttg	gtaactgatg	ccagggtgat	aatgcatgaa	agtgtttaat	gaatgaaacc	85440
ggtaaaaatag	taggaggaag	ctttattggg	aaggcagggg	tataccta	agctctctaa	85500
tttattggta	ttgaagtggg	taacttttgg	ttttttaagg	ggggaaaaca	ttctaagaat	85560
aatgaggcaa	actgcatatt	gcacaagaga	ctgttgtctc	tattcaacaa	ataccttttg	85620
agtgtccaga	gtctgccagg	tgctgtgcta	ggccctcacg	attgagtagt	gaaccagaga	85680
atgtccctgc	acccatggag	cttattgtct	actggggtag	acagataata	aataagcaaa	85740
caaatcttct	ctcttctccc	tttcgctcca	tgtaagtgtg	tgtgtatagg	tgtatactta	85800
caagttgagt	aaagtgttat	gaaagattaa	gaggagaaat	gcatttttgg	tagatgttag	85860
aggactcagc	agggtgacct	gaaacttaga	gctgaaggat	cagtaggagg	taactagaga	85920
ggccagggaa	tcgcatgttc	aaaggccagg	aggcaagaaa	gagcatgggt	cccttcaaga	85980
gaggaaagaa	ggctactgtg	actggagcat	agatgtaggc	aagtgttggg	tgattgagag	86040
ctctacgggc	catgggttagg	ttttattcct	aatgccgaga	tgccaaacat	ggtgggtcat	86100
atctgtaatc	ccagtatttt	aggaggccga	ggcaggaata	tagcttgaac	ccaggagttc	86160
aagaccagcc	tgagcaacat	gagacctgta	caaaacattt	aaaaaattgc	tgggtatgat	86220
ggtgcacacc	tgtgggtccca	gctactcagg	aggctgaggc	agaaggatca	cttgagccta	86280
ggaggtggag	gctacaatga	gccatatttg	agtcactaca	ctccagcctg	gatgacaaag	86340
tgagaccatg	tgtcaaacaa	aatacagaaa	gaatattaat	ttaaaatttt	gaaagaggag	86400
tgatctgaac	ttatatctta	aaaagatcat	tctagggcat	ggtgggtcat	gcctgtaatc	86460
aagggctttg	ggaggctgag	acaggaggat	cacctgaggc	cagttcgaga	tcaacctgta	86520
cagcatagag	agactccatc	tctacaaaaa	gaaaaaataa	atagctgggt	gttgtgagtt	86580
attcaggagg	ctgaagcaga	aagatcactt	gagcccagga	gtttgaggct	gcagtaagct	86640
atgatcccac	cactgcaaca	cagtgaagatc	ttgtctcaaa	aaaaaaaaaa	aatcattcta	86700
ggtgcttttt	ggaggctgga	tgtggtaaga	gtagaagctg	gagatgggtcc	tgttagggat	86760
tcgattcaga	ctttaaatac	catcaatgca	ttgagtccca	aatttacatc	actacgttgg	86820
atccttgccc	ctgaatccag	actggtatat	ccaactttag	gttcagtttg	tatctctacc	86880
tgaccaatat	agagggtgtcc	agtcttttgg	cttccctagg	ccacattgga	agaagaattg	86940
tcttgagcca	cacatagagt	acactaacgc	taacaatagc	agatgagcta	aaaaaaaaatc	87000
gcaaaactta	taatgtttta	agaaagttta	cgaatttgtg	ttgggcacat	tcagagccat	87060
cctgggcccgc	gggatggaca	agcttaatcc	agtagatacc	ttcaacttac	aatatctaaa	87120
attttatgcc	agatttagtc	attttaaacc	tgctcatcag	tttttctcaa	gaagtagtat	87180
tttggctttt	tttcttttct	tttttttgag	atggagtttc	gctcttatcg	ttcaagctgg	87240
agtgcagtgg	cggatcttgg	ctcactgcaa	cctccgcctc	ctgggttcaa	gtgattctcc	87300
tgccctcagcc	tcgcaagtag	ctggaattac	aggcatgcgc	caccatgacc	agctaatttt	87360
tggagacagg	gtttcaccat	gttgggtcagg	ctgggtttgt	actcctgacc	tcagggtgatc	87420
tgccctgcctc	ggcctcccaa	aggctgggat	tacaggcatg	agccaccgct	cccggctgca	87480
tttttggtatt	tttagttgct	cagcccaaaa	cttttagtaca	tctttgaacc	tcttctttcc	87540
tcctactcta	tatctgatcc	atcagcaaat	ctgttaggtc	tacctcacac	atatcgaaat	87600
cctaccacgt	ctcaccatct	gtgacaatta	acaccctggg	ctaggcagtc	atctctgtta	87660
agattgagtg	gttaaggatg	tcctctaagg	agatgacatt	caaactcttag	cttaaatgtc	87720
aagagggagc	tgggttttata	aagattgagg	aggcagcatt	attttgccat	aggcttccat	87780
ttgggtttcca	ttccattctt	gatacttatg	gtatatattc	aaaacaaatg	cacagaaaca	87840
gaccaggtta	tattgggaat	ttcggatata	gagttcctag	ttgggaaaag	atagactgat	87900
ctgtaaatga	tgctagttat	ccatcatctg	gcaaaaaata	atttcctgcc	tcctctcata	87960
tatctcagat	caacagactt	tttctgttaa	gggccaaatc	ataaatatth	taggctttcc	88020
agaccatatg	gtttctgtca	cactctcctt	tatccttgaa	gccatagaca	atatgtaaac	88080
aaatgggcat	ggctgtgcta	cgataaaaact	ttacttacaa	aaactggtag	tgggccagtt	88140
taggcatggc	cagcactttg	ggaggctaag	gcagatggat	cacttggggg	caggagtttg	88200
agaccagcct	ggccaacatg	gtgaaaccct	gtctctacta	aaaatacaaa	aaatagctgg	88260
gcatgggtgg	gggtgtctat	aattccagct	actctggagg	ctaagacaca	agaatcactt	88320
gaaccagga	ggcagagggt	gcagtgaagc	gagatagcac	cactgcactc	cagccagggt	88380
gacggagtct	taaagcaaaa	caaaacaaaa	ggtagtgggt	tgtatttggc	ccatgggctg	88440
tagtttgcca	atccctgatg	cagaaacaaa	ttccaggtaa	ataagagcct	ggaatgttaa	88500
aaaaacaaaa	cttgaagtca	tgtagaagaa	caggtagggg	gaacaatcct	gatctcagga	88560
taggaaggga	tattgcttaa	aataagacac	aggaaaatat	aatccatgtt	gtgtaaattt	88620
gactacgtta	aaacttaaaa	ctttcgccaa	gcgcgggtgg	tcacgcctgt	aataccagta	88680
ctttgggagg	ccgaggtgag	cagatcacca	ggtcaggaga	ttgagaccat	cctggctaac	88740
acggtgaaac	cccgtctcta	ctaaaaatac	aaaacattag	ccgggcgtgg	tggcgggcgc	88800
ctgtagtccc	agctacttgg	gaggctgagg	caggagaatg	gcctgaacc	gggaggcgaa	88860
gcttgacagt	agctgagatc	gcgccactgc	actccagcct	gggcgacaga	gtgagattcc	88920
gtctcaaaaa	aacaaaacaa	aacaaagcaa	aaaacctaaa	actttcatac	aataaagtat	88980
acctaagata	cttctagaag	agaagattta	catccaggac	gtgtatggaa	tttctgcaag	89040

taataagtaa	aagacaaggg	acatgaagag	gcagttcaca	aaagaggaag	ccaaaatgac	89100
caataaacat	gaaaggatgt	ttaacctcaa	aggaaacaag	gaaatgaatt	aaaaacatca	89160
aatgccattt	caaaaactagt	aagttggcaa	aattaaaaat	accaaggatg	agaatatgaa	89220
gcatggctat	atgagtgcac	ggaatggtac	agtcactttc	attaaaaatg	cacataattt	89280
gtttttttatt	tatttttttg	agacagtcta	tgctgcccag	gctagaatgc	agtggcatga	89340
tctcggctca	ccacaatctc	tgctcctcgg	gttcaagcaa	ttctcctgcc	tcagcctcct	89400
gagtagctgg	gattacaggg	acatgccaca	acgcccgggt	aagttttgta	tttttagtag	89460
agacagggtt	ttgccatggt	ggccaggctg	gtctcgaact	cctgacctca	ggtgagctgc	89520
ttcccaaagt	gctgggatta	gaggcgtgag	ccaatgctcc	tggctgaaaa	aaatgcacat	89580
aatttgttac	ctagcaattc	catgtctaga	ggcttatcct	agagaaattc	ttgcttatat	89640
gcataggaag	acgtgtacta	gaatgttcac	tagttgaatg	tttaagtga	aattaggaaa	89700
taaagtaa	gttcattaac	aggaaaatga	gtaaaggat	atttataaaa	caattaagta	89760
gctaaaatga	ataaactaga	gctgcgtgaa	tgaactagaa	ctgggttcaat	agtcatgtca	89820
gattattgaa	tgaatacagg	tcagatatgt	atagagtgtc	atttgtgtaa	ttaatttttt	89880
tttttttttt	gagatggagt	ctcactctgt	tgcccaggct	ggagtgcagt	ggcgtgatct	89940
cagctcactg	caacctccac	ctcctgggtt	aaagtgatcc	tcctgcctca	gcctcccag	90000
tagttgggat	tacaggcatg	caccaccatg	cccagctcat	tttctatatt	ttagtggcca	90060
cagggtttca	ccatgttggc	caggctgggt	ttgaactcct	gacctcaagt	gttccacca	90120
acttggcctc	ccaaagtgtc	aggattacag	gcgtgagcca	ccgtgctcag	ccatttgcgt	90180
gattttttaa	gatgtgcaga	ataatgccat	taaaaaaaat	acacatacat	gtatatatat	90240
acacgttttg	ctgggtgtgg	tggctcacac	ctgtaatccc	agcacttttg	gaggctgagg	90300
caggaggatc	acttgagccc	agggtgtacaa	gactagcctg	ggcgagatag	caagacccca	90360
tctcaacaac	agaaaggata	attaggtatg	gtggcatgag	aggatcactt	gagcccagga	90420
gttcgagtgt	tatcaggcca	ctgcactcta	gcctggacaa	caaagcaaga	ccgtgtctca	90480
aaaaaataaa	aataaaaagt	atttgtatgt	ggctcatagtc	aaaaaacgta	catggaagga	90540
aatgtctttt	atttatattat	ttattttttt	ttttttaaga	cagagtcttg	ctctgtcacc	90600
caggctgggg	tacagtgggtg	taatctcagc	tcaccgcaat	ctcggcctcc	cgggttcaag	90660
cgattcttct	gcctcagcct	tctaagtagc	tgggactaca	ggtacccgcc	accacaccct	90720
gctaattctt	gtgttttcag	tagagacagg	gtttcaccat	gttggcaagg	ctggtctcga	90780
actcctgacc	ttaagtgagc	caccgcctt	ggcctcccaa	agtcctggga	ttacagggtg	90840
gagccactgc	gcttggccag	gaaatatcta	atttagtaag	tatttatatc	tgggaaagga	90900
agggtcaggt	ggtgattcat	aggaaactcta	aagtctatgt	ataatactta	gggggacaga	90960
aggaaataaa	gcaaaatgct	gatatttgat	tgttgagtgt	tgtatatgtt	agaagtataa	91020
cataggagat	ctgattgata	gtaggagaat	gttttttaggt	ggtaaaagtgt	gaaccgtggt	91080
ggtttgtttt	ggcagtagaa	tcagttgggtc	atagtttgta	tgtggaaggt	aataaacaga	91140
ccatgttaag	gatgacttcc	ggaatttttg	tctgagtagt	gggtggatga	cagtgtcatt	91200
catgagggaa	gatgaagact	gaggtaggaa	caggtttggg	agaagatgac	atgttccctt	91260
ttagacaagt	ggaattatgg	aagatggcag	gtagggtggt	agctatatga	atttgagata	91320
aaagatttag	gatggagata	taaatttagg	agtaacagcg	tatctatggg	attgtaagcc	91380
ttaagaatgg	gtaggatcag	ccaggaaata	cagatgtata	tgcagaagag	aggagtcaag	91440
gaagccaaga	caagttaatg	tttaaagtga	gtgatgtagt	ccatgggcag	atgctgctga	91500
gagggtctga	aacaccagtg	accctacaac	atttttaaat	gtcgtcttcc	tgacagcagt	91560
gatcagtacc	tgcaacgac	ttattttatt	ttttcatggt	agtctccaca	cacttgaatg	91620
tagacttttt	gaaggcaaaa	tcattgcctt	ttctgagctg	ggagcatgtc	tggcacatac	91680
caagcactca	acagttgatg	tattgacttc	atccagatac	tctgagggcg	agttatttcc	91740
tgctactagc	ctttcacctt	tcaatgttta	agagcacaaa	tacagagatg	ggcacgtttt	91800
ggcatttctt	attttgataa	ccttttcctg	gtaagatttt	ttaatgttga	aaaaaaaaaa	91860
caagaaaaga	gggttaaaaa	tagtcttatg	tcagatcctg	tgatagaatt	cacacttggc	91920
ttaagctgct	gggcaccttc	ctatcttgga	tgtcatatta	gcttatctac	agcagaattt	91980
ttactgtttt	atgtagtaag	gaagcaatta	tatgattatt	ttacagacaa	attattcttt	92040
atctttttatt	tttttagacg	gagtctctct	ttgtctccca	ggctggagta	cagtgtcgcg	92100
atctcggctc	actgcaacct	ccgcctcctg	ggttcaagca	attctctgcc	tcagcctccc	92160
aagtagctgg	gcttacagg	gtccgcacc	acaccagct	cattgttttg	tatttttagt	92220
agagatgggg	tttcaccatg	ttggccaggc	tggctctgag	ctactgacct	cagggtgatcc	92280
acccgccttg	gcatcccaaa	gtgctggaat	tacaggcgtg	agccaccgtg	cctggcccag	92340
acaaattatt	atactctgag	tgtagaggc	ttaggatgtt	ttcacttgat	gctatgggag	92400
gaataagtaa	taagatatga	tacacaacca	aagaccttcc	ttcactatgc	ttctagtagc	92460
tagtactatg	gatgacacat	ggtaataata	ttgggttagca	tttgtcctca	atttactgtg	92520
ctagttactc	ttctaagccc	cttacaggta	tatatTTTTT	ttcatcaata	atcctctaag	92580
gtagttttta	ttattgacct	aatttttataa	atcaagaaaa	ttaagaccca	gagaagtaag	92640
taacttgtcc	aagatcacat	ggcttataag	tggtagagcc	agaatttgac	cccagatgtt	92700
gtgactacat	tgtctctcca	taagcaggtt	caactctttt	gactggatgc	tgttccaagg	92760
tcacttcctt	agagaagcct	ttgctgacaa	ctaccctcct	gtgccctcct	ccaaggctgt	92820
ccattgttct	agaactttga	atactcatct	tagaataaag	ctggctaat	ttttacagtg	92880
ttatagaatg	gatctctgac	tgcaaaagtt	ggtcataatt	atctttttat	gttctagtga	92940

aaggcaaaga	acaagagaag	acctcagatg	tgaagtccat	ttaaaggtaag	ttctgcectt	93000
ggcagtcac	tgcattaaaa	agtgatgtgc	tttgcatttg	tgagttcttt	aatcctgtta	93060
tactctctct	tttggcatta	atcattttctg	ccttatttta	taattactta	tgattttgat	93120
ttatttccct	ctttaacctg	tataatgctt	taacatctag	catataataa	gtaggctttt	93180
tttttttttt	tttttttgga	gacggagtct	tgctctgtta	cccaggctgg	agtgcagtgg	93240
cgcgatcttg	gctcactgca	agctctgtct	ccgggttca	caccattctc	ctgcctcagc	93300
ctccccagca	gctgggacta	caggtgcacg	gcgccacgcc	tggttaattt	tttgtatttt	93360
ttagtagaga	cagagtttca	ccatgttagc	cagtatggtc	tcatctctct	gaccttgtga	93420
tccgcccggc	tccgctccc	aaagtgtctg	gattacaagc	gtgagccacc	gcacccggcc	93480
gtaagtaggc	tttttttacc	ttaattttat	ttttttgaga	tgtagtcttg	ctcttatccc	93540
caggctggag	tgcagtgggtg	ccatctcggc	tactgcagc	atccacctcc	cgggttcaag	93600
cgattctcct	gcctcagcct	cccagtagc	tgggattaca	ggtggccgcc	accatgccc	93660
gctaattttt	gtatttttag	tagagacagg	gtttcacctg	gttggccagg	ccagtctcaa	93720
actcctgacc	tcaagtgatc	cactcgctt	ggcctcccaa	agtcctggga	ttacaggcgt	93780
gagccaccat	gcctggccat	aagtaggctt	ttactgagcc	ttgtgtgtat	tggctatcct	93840
agtgattaca	gtgaaccagt	gcccttctta	ttaatcacac	atttaattgt	tccctaaaag	93900
tgattagtct	actttattta	tttagtaaga	caaaaaatga	agaatactct	taactgagca	93960
gtctgttaac	tgtaggaaag	cactgacact	tataaggctt	agttttctgt	catttatcca	94020
gaagtatggt	tgattacagt	ttttactttt	ttatttgaat	gaacaacctt	aatttaaaat	94080
atattttgtt	tattttttgt	tgggatcgat	acattgtcct	tgtttataga	ttagagcatg	94140
cttttttaaag	atgctgtatt	actcactgat	tttatttgtc	cagtgtacag	agattgaagt	94200
gggaaaatta	taatggaaat	tgtttccata	gtcattacat	attaatttca	tcaatttatt	94260
tccataaaaat	ctgtagattg	ctacttattt	agatttttcc	ttcaaatgtt	tttatgttgt	94320
attgcttgca	ctgagtattt	attctatatg	ctcaatttgc	tggagaagaa	gactaattat	94380
aacttaggca	agttgtaaaa	ttagggaaaa	aagtaaggta	ccttacagcc	tagtttactt	94440
atttcttatg	taaagccagt	tagattccac	attagttcaa	actgccttct	ttgagcaaaa	94500
cttgattggc	agtgaataag	gcttaaagcc	cttctcaagc	agagacctgt	aaagactaga	94560
tctgactgta	gtagaaggaa	ggaacttaga	tgtttcaggc	agtgaagaac	ccagtcttcc	94620
actctaaact	ttgccactaa	cagtatgacc	ttgggaagtt	gtaactttct	tcagattctt	94680
catttggtga	atggggggat	tggcctagct	aatttctaaa	tctctactgg	gctaaaaaat	94740
tctgtgctta	tactctgatt	atgaagtaca	taatctgtgc	ttaacattca	ctgacttatc	94800
cttaggataa	tacagaagca	gtacaagaaa	cagccctcca	agatgtttgc	agtctgggta	94860
gaaagacaaa	cttatacaca	gaacagtagc	aaatagacca	aaataataat	agctgccatt	94920
tatagaacac	ttcttctgtt	ctgggcatta	gacaaaaact	gactataacg	gtgaacaaaa	94980
aagacttagg	tcttgccttc	attgaactta	cagattagta	ggggagagga	acattaatca	95040
agtaattcca	cagatggctt	agcctagatt	ggtagtgtatg	gaagtaagaa	gatgtgaacg	95100
gacttgaaaa	aaaattcgga	ggcaaaatgg	atagaagttt	attattgatt	aaatatgagg	95160
tgtgagagag	agggatattt	aagattgata	cctaccttct	ggcttgccca	acagaaccaa	95220
aacaggaaat	tatatgttca	gttttggtat	gttgggtggg	aggtgctttt	gagtcattca	95280
tttatatatg	ttatatatgt	tattttatat	gcatagtaat	tttaaggctt	gagttttaaa	95340
ccaaagggtta	gagagtgtat	tttttagagtc	tagcaaacct	aagttgaaat	cctgcctggt	95400
gaaatggctg	tttactagct	cattaacctta	gggcaaagta	ttcaacttgt	tttcatTTTT	95460
gtcttcatct	ctaaaatgag	gaaaatatgg	tcttacaaga	ttgtcctgag	agatagatga	95520
aataatatcc	aaaaaaaaaa	aaggtacata	gagaaactcg	tatagtgcct	ggtatatagt	95580
aggtcctcca	ttggtagcta	tcattatcta	gttttaacat	agccttcagt	ttgttgaatt	95640
agtcaaactg	agtgaagcac	tgcaaggaat	tcagaggaat	ttgagatcaa	caaatgattt	95700
ctgaagttta	gggaagactt	catggcaatg	acacttacct	tgtataaaaag	ttgaagaata	95760
agaaagattt	gaatgagaga	ttctttctct	tctccctacc	agcccagctt	cttatttgag	95820
gatatatgtg	gcaaaggggc	cttcagacaa	gtagagggag	atttttacag	aaagattgag	95880
atgaagggtat	agaaggctgt	aaagaccaga	aaagagaatt	gagacagagg	aagcaggaag	95940
ccactgtagg	tttttgagca	agatattgat	gctgttaagta	tggtgtttat	gaaagggttag	96000
tctggaagag	atgtgcagga	tggagacccc	ggaagttttt	ttgttataat	acagaaagac	96060
ttgcactgag	ggtgaggtgt	taaaaataaa	caggttaagta	aatgttttaa	catcttgaag	96120
gaaaagtcaa	caaactcttg	caagtaaaaca	gataacagtg	aaaaagaatg	ggaccaagat	96180
tttgagtttt	ggagactggg	ggattgaaca	gacagggaag	ttgagaggag	aatcagatga	96240
tgatgtttta	agttgatatt	tagacagatt	gtgcttgaga	tggtaaagtc	aatgtgggtg	96300
ggaatgctta	gtagcgagta	atcagtgata	caagacccaa	gcccagggtca	aagacaagtc	96360
acagatacag	atcagggtct	tttcatctgc	tccacagagg	tgtaccctag	gagctgttgc	96420
aaacagtcca	tgtggagggt	gtgagtaaga	tgtttccctt	gaatttgcca	gaattacttt	96480
tttggtgttg	ttgttggttt	ttctgagaca	gattctcgtc	ctgttgccca	ggctggaggg	96540
cagtggcgag	atcgcgagc	tactgcaac	ctctgcctct	cgggttcgag	tgattctcct	96600
gcctcagcct	cccaagtagc	tgggattaca	ggcttggtgc	accaagccca	gctaatttct	96660
tttgatattt	tagtagagat	gggttttcac	catgttggtc	agactgggtc	cgaactcctg	96720
gcctcgtgat	ctgcctgcct	cagcctccaa	aagttctggg	attacaggcg	tgaaccactg	96780
cacccgggtc	cttggttaagt	ttattttggt	gggaagcaaa	ggagggttca	gcttttaaaa	96840

agtttgaaaa	ttattgctct	ggtaataatt	aaagatttga	gagtaaatat	gctttctagc	96900
agaaagaata	aaagaagaac	agatagcctc	aagaagggga	gccaaagaag	caggctatat	96960
ctgacacact	gggtggtgat	aatgggtat	taaaagaatg	agagcaatga	gcagatagaa	97020
gaggaaatta	ggagagtata	ataccatgga	gaccaagaaa	gatagactat	caggaaggag	97080
tggtaaaaaat	aagttactag	ttctaagaga	gatgttaaga	gggaccgggg	aaagccttgt	97140
acaaatgagt	tagtagcatt	ttacattata	tacatctaata	taagaaacaa	tgcgagagtc	97200
tcaccattcc	tatagactct	tacttgtact	tgtctgaaca	cgaaaactgg	cttttggtta	97260
taaataagct	aaaaattatt	ttgctccaat	ttctcatgaa	aataaaaaata	aaccttcttt	97320
taacattgaa	aaaatagttt	gaagacagtc	actcttcatt	ttgtaattcc	cacaactatt	97380
attgaatgac	tgaattatc	tttattctga	agccaaaggg	gtgatactga	tatttcttca	97440
gactactaaa	aatatatttt	atgaattttt	agtgtgcttt	atcttttttt	gttttttttt	97500
ttgagatgga	gtttcactcc	cgttgctcag	gctggagggc	agtgggtgcaa	tctcagctca	97560
ctgcaacctt	cgctcccag	attcaagcaa	ttctcctgcc	tcggtctccc	aagtagctgg	97620
gattacaggc	acctgcccc	acacccagct	aattttttgt	attttttagta	gagacagggg	97680
ttcaccatgt	tggtcaggct	ggtcttgaac	tcctgacctc	aggtgatcca	cccaccttgg	97740
cctcccaaag	tactgcgatt	gcaggcatga	gccaccatgc	ctggcctgag	gaatatTTTT	97800
ctagggtccc	cccaccccaa	gcatttatct	tgcaatttta	gttttggtcc	taaagcaagc	97860
aaggtttaag	gatttaaaaa	taatccgtat	tttagaatgc	tttctggctt	tgttactttt	97920
tatccacagt	agaagttctc	agagaatgat	ctccctcttt	taatttaact	ttttggcaca	97980
gtattttgag	aattataaat	aatattagaa	tgttttctgg	ctgggtgtgg	tggctcatgc	98040
ctgtaatcct	ggctacttgg	gaggctgagg	caggagaatc	acttgaacat	gggaggcaga	98100
ggttgcagtg	agccgagggtc	atgccactgc	actccagcct	gggtgacaga	gcaagactct	98160
gtctgggaaa	aaaaaaaaaa	aaaaaaagag	tgttttcttt	cctattttcc	accacttgat	98220
taagttactt	ttcctcttaa	gtattttttg	ctgagtatgc	tgacttaaga	gtaatgttac	98280
aaaatttaat	ttttaaaagt	ctctgaaagc	cccttttatga	gagttttagg	ctatcaaatt	98340
gtgtttaatt	cttaacaatt	ttttgaaaaa	ttatagcttc	aatatccgta	cattccccac	98400
aaaaaagcac	taaaaatcat	gccttgctgg	aggctgcagg	accaagtcat	gttgcaatca	98460
atgccatttc	tgccaacatg	gactcctttt	caagtagcag	gacagccaca	cttaagaagc	98520
agccaagcca	catggaggcc	gctcattttg	gtgacctggg	taagtaacta	tcatttttta	98580
ttaacttgta	ttagaaggat	ttgagtacaa	tatgtgaaac	ttctgtcata	ggatacagaa	98640
ctatataatt	ggaaagtgtc	ttggaaaaaa	tgtattttaa	ataacagcta	caagtataat	98700
gggtagctgt	gttgtgttcc	tgtaaatata	gaatataaag	catgcccagt	agaaaaacaa	98760
gcatttccag	aagaaatata	tctgatcact	aatataaat	atatgaaaaa	gatgtctcac	98820
tttattactg	agggaagtgc	aaattaaaat	aatcagttaa	tgttctccta	acacattagc	98880
atatttttta	aagtttgaca	atttgaatgt	cagtgaagat	gcagggaat	acccctccta	98940
tttagtgata	atataatctg	gtgaagactc	tttggaagc	aatttggaat	tcagtataaa	99000
atatgcatgt	catttagggc	actctttcta	agacctagcc	ctcagatag	ctcattcata	99060
tgtgcagggtg	tgtatgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtatagtga	tgtatgtatg	99120
tatgtatgta	tgtatgttga	aggctattca	ttatagtatt	gtttgtgata	gcaaaaaatt	99180
atggacaaca	tataaatatc	tgttataggg	aaataaccaa	atttgtggtat	acgcattgctc	99240
tggagtataa	tatagccatt	tgtttctatt	tatttatatt	cttgagacag	ggttttactc	99300
tgttgcccag	gctggagtg	agtgggtatga	tcattggttca	ctgcagcctt	cacctcctgg	99360
gcacaagcca	ttctctcgcc	tcagcctcca	gagttactag	gactgcaggc	atgtgtcacc	99420
acacccagat	aatttttttaa	ttttttgtag	agacagggtc	tcactatgtt	gcctaagctg	99480
gtctcaaact	cctggcctca	agcaattctc	ccacacaggc	ctcccaaagt	gctgggatta	99540
ccaacgtgaa	ccaccacacc	tgggttcagt	tagccattta	gaaatctaaa	aaagacgtgg	99600
gaaaatgtct	aaggcatgtt	taaatgtgag	aaaagcaagt	cacagtatgc	atggtaaaat	99660
ccgttatatt	aaaataagtt	cttccaaaac	aaaaacatat	gcaggagacc	tttattttgt	99720
cagtatttct	tacccaaatt	tctgcactta	gaaaattgca	tgtcatgttg	tcataagttg	99780
aaaaaaagat	ccatgaacca	atggacttct	aataaaaatca	gtcctgcttt	tgacatctct	99840
ctctactttt	gtgtatatct	aaaccagagt	gtcaatgtgt	ttgtggggca	cacttagcaa	99900
taatacatag	cagacaaaat	gcataatagct	cagagagtaa	aattgttaagt	tttgctagat	99960
cactcataaa	ttgctgatga	gaatttataa	tgggtgcagat	gctctggaaa	acaggcagtt	100020
tctttctttc	tttttttttt	tctttttgag	acagggtctc	actctgttgc	gcaggctgga	100080
gtacagtggc	gtgattacaa	ctcactgcag	cctcaccctc	ctcagggtca	ggtgatcctc	100140
cctcagtctc	ctgagtagct	gggactatag	gcattgcacca	ccacgcctgg	ctaatttttg	100200
tatttttttt	tttttttttt	gtagagacgg	ggtttcgccca	tgtttcccg	gctgggtctca	100260
aactcctgga	atcaagcgat	ccacttgctg	aggcctccca	aagtgtctgg	attacggggc	100320
tgagctactg	tgcctggcct	aggcagtttg	tttggtttgt	tgtttgtttg	tttattttatt	100380
tgtagacgga	gtctcacagg	ctggagtgca	gtggcccaat	ttttgggtca	ctgcaacctc	100440
cgcctcccag	gttcaagcta	ttctcctgcc	tcagcctcct	gagtagctgg	gatgacaggt	100500
gcctgccata	atgcctggct	gatttttgta	tatttagtag	atatgggggt	tcaccatgtt	100560
ggtcaggctg	gttttgaaact	cctgacctca	ggtgatcagc	ccgcctcggc	ctcccaaagt	100620
gctgggatta	caggcatgag	ccgtcatccc	tggctgggtg	tttcttatga	cgtgaaacat	100680
gcaattacca	tatgacctag	cagttgcact	ctgtatttat	cccagataaa	tgaaaactta	100740

ccttccaata	aaaacctgtg	cacaaatggt	catagcagct	taatattgaa	aaactggatg	100800
ttcttcagca	ggtgaatgaa	ctgggttcatt	cataccatgg	aataccattc	agcaataaaa	100860
aggaacaaac	tggtgatata	tttaaccacc	tggatgaata	tcaagggaat	tatgctgtca	100920
gacaaaaacc	agtccctaaa	gactacatat	agtatgattc	cgtttggata	atattcttga	100980
aatagagaaa	ttaagagaaa	tgaaaagatt	agtgtttgcc	agatgttaga	gacagggagg	101040
tgagaggggt	aagtgggtgt	agttataaaa	gtgcaacatg	agggatcttt	gtgatgttga	101100
agttgtatct	tggcagtgga	tgcagaaatc	tcaatgtgat	aaaattacaa	agaactaaaa	101160
acaagaatga	gtatagataa	aactggggaa	atctgaacaa	gttagagtgt	tgtatcactg	101220
tcagtatctt	agagtgatat	tgtactatag	ctttgcaaga	tgttaccatg	ggagaaacta	101280
aagtgtacaa	gggatctcta	ggtattatta	tttttttaga	gatgggggtt	cactatgttc	101340
cccaggccgg	tcttgaactc	ctgggctcta	gtgatccgcc	tgccccagcc	tcctaaagta	101400
ctggaattac	aggcgtgagc	gaccatgcct	ggccctttca	gtattgtatc	ttagaacttc	101460
atgtgaatct	agcattatct	catagaattt	aattaaaaga	aattgtaaac	ctcacagaag	101520
atcagaattt	cctcaagttt	gtgatgttga	caaagatgaa	ctagttgaca	ctgacagtaa	101580
gactgaggat	gaagacacga	cgtgcttcaa	aaaaatgatt	tgaatatcaa	tggattaaga	101640
agaactcttt	tgacaaattg	atgaaaccct	cagtcagttt	tataagaatg	cccatcttta	101700
tgatcatgct	atgaaagcca	atttttataa	aaattttttg	tctttcctaa	caattagctt	101760
gtggttataa	tttaaattta	gttaaataa	agataaatga	ttttttatta	agtttagttt	101820
catttttcaa	ggtacgatct	caaagctact	ctttaaccta	ctatgaatga	ataatgctga	101880
gttcataaca	tctttgtaga	tatatccaca	attttccctc	aggataagtg	cctacaagtg	101940
gaattactgg	actgaaaata	atgcagtttg	ctaagacttt	gctatctggt	cctgaatgct	102000
cctccaaaaa	ggttttgcca	gtttacatcc	tcatgaccag	cgaatgagag	tggtgcctat	102060
tttcctgtgc	ccttggttact	gcttaataat	ttttgaaaaa	aatctaattt	gacagacaaa	102120
aatgcatttt	atgttaattt	gcttttctgg	gatttttaat	gaggttgagt	atagttttta	102180
atatttttat	tggtcccttt	ggaactagta	tcataagttt	tttttcttaa	gaatttatgt	102240
agtctgggct	gggcgcagtg	gctcacgcct	gcaatcccag	cactttggga	ggccgaggtg	102300
ggtggattgc	cgaaggtcag	gagtttgaga	ccatcctgac	caacatgggtg	aaaccgaatc	102360
tctactaaaa	gtacaaaaac	tagctcagcg	tggtggcggg	tgctgttaat	cccagctact	102420
taggaggctg	agtcaagaga	atcgcttgaa	cccgggaggt	ggaggttggt	tgcatagagc	102480
cgagatcgcg	ccattgctct	ccagcctagg	caacaagagt	gaaaagtctc	aaaaaaaaaa	102540
aaaaaaaaaa	aaaaaagaat	ttacatggtc	tgaattgccca	ttaaaagaga	tatgagaatt	102600
attgagtaac	aaataacttt	ttataatttt	aggcaagttt	tggaagattg	tactttgttt	102660
agaaacccaa	agcatagtat	ttgtagtttt	tttatttact	ttagttgcta	ggaagtaaac	102720
tttattcaag	gtctctggta	ccagttgttg	ctaaaagtga	ttgactaatc	tgtcaatctg	102780
aaattatttg	ttgctgaact	gctaattctt	ttgcttctat	cttttaggca	gatcttgtct	102840
ggactaccag	actcaagaga	ccaaatcaag	cctttcttaag	acccttgaac	aagtcttgca	102900
cgacactatt	gtcctccctt	acttcattca	attcatggaa	cttcggcgaa	tggagcattt	102960
ggtgaaattt	tggttagagg	ctgaaagttt	tcattcaaca	acttggctcg	gaataagagc	103020
acacagtcta	aacacagtga	agcagagctc	actggctgag	cctgtctctc	catctaaaaa	103080
gcatgaaact	acagcgtctt	ttttaactga	ttctcttgat	aagagatttg	aggattctgg	103140
ctcagcacag	ttgtttatga	ctcattcaga	aggaattgac	ctgaataata	gaactaacag	103200
cactcagaat	cacttgctgc	tttcccagga	atgtgacagt	gcccattctc	tccgtcttga	103260
aatggccaga	gcaggaactc	accaagtttc	catggaaacc	caagaatctt	cctctacact	103320
tacagtagcc	agtagaaata	gtcccgcctc	tccactaaaa	gaattgtcag	gaaaactaat	103380
gaaaagtgag	tatgtgattt	tcttggtgtg	acatatgtgt	ctcactttct	ttttttaatt	103440
tactaagcag	aacttcagat	gaggaataaa	atgattggaa	tatttttttt	ctcctctaac	103500
tacttgtaaa	tttgggagaa	tttggagagt	gtagtagagt	cagatcagtg	tatggaaaag	103560
gagcaggagt	gactggacct	tctaagaagt	gtgttatcag	aattagtaaa	tgaagggtca	103620
aatgtcctac	ttttccctc	cactgatttt	gacatcaaac	cattatccac	atagccttat	103680
ttcctccctc	ggtcttaatt	ttattaatat	tttactgcac	tttgcagata	aaatttttaa	103740
aaaattttta	aaaattgccca	ataagtgaca	tttattaagt	tcagtgccta	gtgtatatatt	103800
ggattttatt	tattagtcac	aagacctttg	tgcaggtagt	aggcatgatt	atcttttttt	103860
ttttgagatg	gagtccttgc	ctgtcgccca	ggctggagtg	caatggcgcg	gtctcggtc	103920
actgcaacct	ccgggttcat	gccattctcc	tgccctcagcc	tcccaaatag	ctgggactac	103980
aggcgccctg	caccacaccc	ggctaatttt	tttgatattt	tagtagagac	gggttttcac	104040
catgttcgcc	aggatggctc	cgatctcctg	actttgtgat	ccgcctgcct	cggcctccca	104100
aagtgtctgg	attacaggca	tgagccaccg	cgcccgact	gattatctta	tttacacatg	104160
agaaaaccag	ggcttagaaa	ggttaggtaa	cttcctctag	gttgtacagt	aatgtggac	104220
ctagaagcat	tttgacaaga	gcacctgttt	ttttttcttc	tctattagtt	tagaaattat	104280
atactcttaa	ttatcacctg	ggattttgat	tagacagcct	tcatgttctt	tttcatctta	104340
aatgttcttt	gtgtcttaaa	gggctaagtg	atttcttcag	atcttttagt	tcactcattc	104400
tcagtgaact	aaaatgaggt	ctaactctgt	actgaatcaa	gttttcagca	tgttatattcc	104460
ttcctccctc	cctccctcct	tccttccctc	aaccaggctc	ccgaggagct	gggattacag	104520
gcgcccgcga	ccactcctgg	ctaattttta	tatttttagta	gagacggggg	ttcaccatgt	104580
tggtcaggct	gatcttgaac	tcctgacctc	aagtgacca	cctgcctcgg	cctcccaaag	104640

tgctgggatt	acaggcatga	atcaccacac	ctgacggcat	gttattttca	tcgcaaagtt	104700
actgtaagct	gggagaagtg	gcacacactt	gtactcccag	ctactcagga	agcttaaggt	104760
gagaagattg	cttgagccca	ggagttttga	gaccaacctg	ggcaacacag	caagacccca	104820
gctcaaacia	agaaaaaaag	ttattgaatt	ttttatttct	atggatcatt	ttttgtagtt	104880
tcttatttct	ttcacccttc	attcccactt	ttgatcccat	cttttattta	tttagtttta	104940
ttaaatgtat	atgtgtctga	taattctgct	atctacagtt	ttttgtggac	ctgactcagc	105000
atctctttgt	ttcttcggat	tcagactgtt	ggtggcttgt	gatttttagtg	atttttggcc	105060
gtgaacatgt	ttcttggact	tttgtctgtg	ggaattctct	gtgtactctg	tataaattaa	105120
gttacttcag	gtgttttgca	ttttcttttg	ccatgcacct	ggggcctggg	tcactaccct	105180
tctggtacca	cttaaaaactg	aatttttgtc	ttgggtgctc	gtactgatcc	tgtatgagta	105240
caggtttata	cttactgtag	aaatatgggtg	tttgattatg	gggtattgtc	ccagatgggtg	105300
ctggagtatt	aatatgctct	ctgttaaact	taatgtgttg	tccctgtaaa	actccaaaat	105360
tctgaattcc	agaatactac	tggcccaaaa	tgtttaagat	aagggcactg	cctgtatttg	105420
tttctgcctc	ccactatttt	ccttagttta	acacaaactc	acctttttta	aaaacatttt	105480
gagagaattc	agtattggga	agagtttcta	acctgtttct	ggaaatggaa	gtccaaagtc	105540
tgtttctgta	attgtttttt	ttttgagatg	gagtctcact	ctgtcaccce	ggctggagtg	105600
caatgaacga	ctctcagctc	actgcaacct	ccacctcccg	ggttcaagcg	attctcttgc	105660
ctcagccccc	tgagtagctg	ggattacagg	tgcccaccac	catgcctggc	tgatttttgt	105720
attttttagaa	gagatggggg	ttcgccatgt	tggccagggt	ggtcttgaac	tcctgacttt	105780
gtgatctgcc	cacctcagcc	tcccaaagtg	ctaggattat	gtttctgtaa	ttgtaataca	105840
tttattgttt	ttagaaaactg	tctttgcttt	agtggtaatt	ttcaataaaa	atagaaatag	105900
cagtggagtt	attaaaagag	cattagttac	atttttccct	ttttcattat	cttcaaatat	105960
tatatatagt	aagtttgacc	tttttaaaaat	gtatacttgt	atcagtttta	acacatacat	106020
agattcctgt	aactgtcacc	actataaggg	taaagaacag	ttagtctcct	cacctttgaa	106080
gtcaagccccc	acctctatcc	caacacttgg	caaccgctga	tctttctccg	tctcaatagc	106140
tttgccctttt	ctcttttttt	ttcttatttt	tttttttgag	acagcgtctt	gctctgtcgc	106200
ccgagctgga	gtgcagtgag	gcaatctcgg	ctcactgcaa	cctccgcctc	ctgggttcaa	106260
gcagttctcc	tgcccttagcc	tccctagtag	ctgggattat	aggcacgcac	caccacaccc	106320
ggctgatttt	tttgatatttt	tagtagaaat	ggggtttcac	catgttggcc	aggctgggtc	106380
caaactcttg	acctcaagtg	atccacctgc	ctcgccctcc	caaagtgtctg	ggattacagg	106440
cgtgagccac	tgtgcccatt	caggactttt	tttttttaaa	tttacattca	acttgtcatt	106500
tttttcttgt	atggattgtg	ccttcagagt	cacacctaa	agccctttgc	ctaagcaaag	106560
gtcatgaaga	ttttctcata	tgtttccttt	taaaagtatt	gtgggtggcc	aggtgccatg	106620
gcttatgcct	gtaatctcag	cactttgaga	agctgaggtg	ggcagattac	gaggtcagga	106680
gatcgagacc	atcctggcta	atgcggtgaa	accccatctc	tactaaaaat	acaaaaaaa	106740
aaaaaaatta	gccgggctg	gtggcgggca	cctgtagtcc	cagctacttg	agaggttgag	106800
gcaggagaat	agtgtgaacc	cgggaggtgg	agcttgagct	gagccgagat	cgcgccactg	106860
cactccagcc	tgggcaacac	agtgaactc	catctcaaaa	aaaaaaaaaa	agtattatgg	106920
ttttacactt	tacgtttaga	tatatatctt	ttttgagtta	atgtcgtata	agtatgaggg	106980
ttacgtcaga	ttttttgttt	tttgtttatt	tttacatatg	gatgtctagt	tgttctaata	107040
ccattttgtg	aaaagacaac	ctttactcca	ttgaattgcc	tttgtaactt	tgccatattt	107100
gtctaggcct	gttttttgac	tcctttttct	gtttcatgat	gtgtgtgtct	attcctttgt	107160
taataccaca	tgggtctaat	tactgtatag	taagtcttaa	aattgggtaa	tgctggcctt	107220
ataaaaacgaa	ttgggaagtt	tttattttta	ctcttatttc	cattttctag	aagagattgt	107280
gtagaattgg	tgtcattttct	tctttagata	tttggttgaa	ttgggaagtg	atgccatctg	107340
ggcctagggt	tttggtttttt	gtgtgtgaga	cagagtctca	cttctgtcac	ccaggttgga	107400
gtgcagtggt	gagatcttgg	cttactgcaa	cctctgcctc	ccaggttcaa	gttatcctcc	107460
tgccctcagcc	tcccaaata	ctgggattac	aagcgtgtgc	caccatgccc	gactaatttt	107520
tgtattttta	atgcagacag	ggtttcacca	tgttagccaa	gctgggtctcg	aacttgtgac	107580
ctcaagtgat	tagcccacct	tggcctccca	aagtgttagg	attatagatg	tgagccaccg	107640
tgccctggcag	gggcctaggg	ttttcttttt	cagagtattt	taaactatga	attcagatta	107700
tttaatagat	ataggactat	ttaagttatc	tgtttcttct	tgagtgaatt	tttactgtag	107760
tttatggcct	ttgagtaatt	aattgtattg	aattgtcaaa	tttatgagcg	tgtaattatt	107820
tatagcattt	cgggtttgta	gtggatctcc	tcttttattc	ctgggtgttg	caattgtgtc	107880
ttgtttttct	ttgtcagatt	gtatagggat	ttattagtct	tttcaaagaa	ctagcttttg	107940
ttttgatatt	tctgttggtt	tgttttcaat	tttattgatt	ttctgtctct	tattatttct	108000
tttctattat	ttctgcttgc	tttgggttta	ttttactctt	ttttttttct	ccaagttgct	108060
taaagtagaa	acttagattt	ctggtttgag	acctttcttt	tctaagataa	gcattttaata	108120
ctgtaaattt	ccttctaacc	actgctttag	ttacaccccc	acaaattctg	gtattttgaa	108180
ctgagcacia	atgaaatgtt	ctaatttccc	ttgaatctta	ttcttttacc	aatgaattat	108240
ttagaaatat	gttatttagt	ttgcaagcaa	ttggagactt	ttttcctggt	atttttctac	108300
catttatatt	tcatttcatt	atattatggg	cagagaatat	attttgaatg	atttcattta	108360
ttaattttta	aaaataacat	taaaaaattt	tttaaaatgt	gaatatacca	catacagtat	108420
aaagattgta	cattctgttt	ttggacagtt	ttctataaat	gtcaagttga	tttagttggg	108480
taatgatggg	gttcagtttt	tctttattct	tgctgatact	ttgtatgcag	ttatatcact	108540

ttattactca	gaagagtgtt	gaactttcca	actacaat	ttttttccaa	ttttactttc	108600
agctctatct	ggtttttgc	catgtat	gaggctctgt	tgtaggtgt	gtacacattc	108660
aggatgat	cttctgggtg	aattgcctgt	tttatcatta	tgtaattccc	tctttatggt	108720
aattttcctt	gttctaagat	cagaaat	tggtgtccaa	tttatataga	cactgcagct	108780
ttcatttgat	tagtgcttgc	atggcatatc	tttttccatt	tttttacttt	tgatctac	108840
ttataattct	atttaaagg	ggcttcttgt	aggcagcata	tagttgggta	gtgttattta	108900
tttattttatt	tattttattta	tttattttatt	tattgagaca	gagttttgct	cttgttgccc	108960
aagctggagt	gcagtgggtgc	aatcctggct	taccacaacc	tccacctcct	gggttgca	109020
gattctcctg	cctcagcctc	ccaagtagct	gggattacag	gcacgcgcac	catgcctggc	109080
tgattttttg	tatttttagt	agaaacggat	tttcaccatg	ttagccaggc	tcgtcttgaa	109140
ctcctgacct	caggtgatcc	acctgctttg	gcctcccaaa	gtgctgggat	tacaggcgtg	109200
agccactgca	cccggctgag	tcagtgttatt	tttaatcttt	tctcacaata	caggggtttt	109260
gttggtaaat	ttaattattt	taatataaat	tttagtataa	ttatttacat	taaatgtaac	109320
tgtagcactg	gggtattttat	aatgtgtaaa	tataattatt	ggatttaata	taattatatt	109380
actcataata	atattaatat	ctttggattt	agattaccag	tttagtatat	gtttttctgt	109440
ttctccctct	ttgatttccc	cttttttgc	tttttttttt	ttttaattct	tatttttttt	109500
tagtatttgt	tgatcattct	tgggtgtttc	ttggagaggg	ggatttgga	gggtcatagg	109560
acaatagttg	agggaaggct	agcagataaa	catgtgaaca	aggtctctgg	ttttcctaga	109620
cagaggaccc	tgccggccttc	tgtagtgttt	gtgtccctgg	gtacttgaga	ttagggagt	109680
gtgatgactc	ttaacgagca	tgctgccttc	aagcatctgt	ttacaaaagc	acatcttgca	109740
ccacccttaa	tccattttaac	cctgagtgg	aatagcacat	gtttcagaga	gcaggggggt	109800
gggggtaagg	ttatagatta	acagcatccc	aaggcagaag	aatttttctt	agtacagaac	109860
aaaatggagt	ctcccatgtc	tacttctttc	tacacagaca	cagtaacaat	ctgatctctc	109920
tttcttttcc	ccacatttcc	cccttttcta	ttcgacaaaa	ctgccatcgt	catcatggcc	109980
cgttctcaat	gagctgttgg	gtacacctcc	cagacggggg	ggcagctggg	cagaggggct	110040
cctcacttcc	cagatggggc	agccggggcag	aggcgccccc	cacctcccag	acggggcagt	110100
ggccggggcgg	aggcgccccc	cacctccctc	ccggatgggg	cggctggccg	ggcgggggct	110160
gacccccac	ctccctccc	gacggggcgg	ctggccgggg	gggggctgac	ccccacctc	110220
cctcccagat	ggggcggtg	gccggggcgg	ggctgcccc	cacctccctc	ccggacgggg	110280
cggctgccgg	gctgaggggc	tcctcacttc	gcagaccggg	cggctgccgg	gcggaggggc	110340
tcctcacttc	tcagacgggg	cggccggggca	gagacgctcc	tcacctccca	gatgggggtg	110400
cggtcggggca	gagacactcc	tcagttccca	gacgggggtc	cggccggggca	gaggcgctcc	110460
teccatccca	gacggggcgg	cggggcagag	gtggtcccca	catctcagac	gatgggctgc	110520
cgggcagaga	cactcctcac	ttcctagacg	ggatggcagc	cgggaagagg	tgctcctcac	110580
ttcccagacg	gggcggccgg	tcagaggggc	tcctcacatc	ccagacgatg	ggcggctagg	110640
cagagacgct	cctcacttcc	cggacggggg	ggcggccggg	cagaggctgc	aatctcggca	110700
ctttgggagg	ccaaggcagg	cggctgggaa	gtggaggttg	tagggagctg	agatcacgcc	110760
actgcactcc	agcctgggca	acattgagca	ttgagtgagc	gagactccgt	ctgcaatcct	110820
ggcacctcgg	gaggccgagg	caggcagatc	actcgcggtc	aggagctgga	gaccagccc	110880
gccaacacag	cgaaaccccc	tctccaccaa	aaaatgcaaa	aaccagttag	gtgtggcggc	110940
gtgcgcctgc	aatcccaggc	actctgcagg	ctgaggcagg	agaatcaggc	agggaggttg	111000
cagtgcgcgg	agatggcggc	agtacagtcc	agcctcggct	ttcacaactt	tggtggcatc	111060
agagggagac	cgggggagagg	gagagggaga	cgaggggagag	cccctttttt	gctttctttt	111120
ggattatttg	aatttttctt	taaatttatt	tatcttactt	atttatattat	ttttttgagt	111180
gattctcctg	ccacagctcc	caagtagctg	ggactgcagg	catgtgccac	tacaccagc	111240
taattttttt	gtatttttag	tagagacagg	gtttcaccat	attggccagg	ctggctctga	111300
actcttgacc	tcaagtgatc	cacctgcctc	ggcctcccaa	agtgtctggg	ttacaggcgt	111360
gagccaccat	gccctgcctt	tttctagaat	ttatatattg	agttcttgat	tgtatctttt	111420
tatgtaggct	ttttagtggc	ttctctagga	attacaatat	acatactttt	cacagtgtac	111480
tcacatttaa	tattttgtaa	cttcaagtgg	aatgtagaaa	acttaaccac	cataaaaaata	111540
gaactaggga	tgaggttaaa	aaagagagag	aaaagaaatg	taataaagat	ttaataaacac	111600
cgtttttttt	tttttttctc	tttttttttt	gagacagagt	ctctctttct	gttaccaggc	111660
tggagtgcag	tggcgtgatc	ttggctcact	gcaacctccg	cctcctgggt	tcaagtgttt	111720
ctcctgcctc	agcctactga	gtagctggga	ttacagggtg	gcgccaccat	gccagctaa	111780
tttttgtatt	tttagtagag	acggtttcac	tgtgttgggc	aggatggtct	cgatttcttg	111840
accttgtgat	tcgctctcct	cagcctccca	aagtgtggg	attacaggcg	tgagccaccg	111900
cgcccggtta	agtcttttaa	tatttttttg	acattgcact	ttttctcttt	tccttctagg	111960
attttagtaa	cccaaattgt	agtttttgtta	ttgtttggca	ggttcctgag	gctttcctta	112020
cttcttttaa	tttttttttc	ctgttgttca	gcttcgaaaa	tttctattca	tctgtcttca	112080
aattcactgg	ttctttcccg	ttatttccat	tctgttattg	agtctttgta	gtgaatttta	112140
aattttgttt	attatgtttt	ttagttctaa	aattttcttt	ttttgtgtat	gtcttatact	112200
ttgctcctga	aactcttatt	tgtttcagga	gtgatcttat	ttcttagagc	atgggttttag	112260
tagctactta	aaatttggtt	tatcatccca	gcataatgtg	cctcttgatt	gtcttttctc	112320
ttgtgagata	atgggatttt	ctggttcttt	atatgacaat	taattttgga	ttgtatcttg	112380
gacagtttga	cttacgttac	atgattctga	atcttgttta	aatcctgtgg	aaaatattga	112440

agtttttgc	ttaacaagca	gttgacctag	ttaggttcag	tccacaaatt	ctaagcagca	112500
ttctgtcggc	tctggttcca	tcatcagttc	agttttgtat	cttatctgct	tatgtgcctt	112560
tctgtgtcca	gtctgggacc	tggccaatgg	tcaggtccca	aagcctttgt	acacttttag	112620
aagcagggcc	atgcacaccc	agctcacgag	tggccccggg	agtgcacata	caactcgacg	112680
ttttcatggg	ctccttcttt	tctgtgatgt	ccctgacacg	ttctgccttc	taagaacctc	112740
cctttatccc	tttcctgttg	tctggctaga	aagtcagggc	tttagattcc	ctatacttca	112800
gcacacttcc	tgtagctatg	tcaacctctg	tggccacgac	ttcttcttct	tgggactgca	112860
gtttctcttg	tcagaaagta	ggattcttgg	agctgctgtc	attgctgctg	tggctgctct	112920
gatgctgcct	gggagtcgaa	ggagagaaag	gaacaaaaca	aaacaaccca	ggggatttcc	112980
tccactctct	ttgatccgtg	agagccccct	ttcctgttcc	tcagaccaga	aataagaggc	113040
ctgtcttggg	acttcttctt	tgtgcatctg	gtgtgcagtt	tcagcttttg	agtccaggcc	113100
aggaggtgct	ggacaaactt	gtcaggagta	cggaggtact	gcaagttctg	attacttttc	113160
tcagtcaccc	tgttccaag	tccttggatg	catttgtcca	ttgttttgag	ttgcattcca	113220
tgggagagac	agaagagtgt	gcttatttca	tcttgacata	cttattagga	tttcatatca	113280
aatcaacgga	tgatattctc	tatattaatt	tgctgttttc	cctttagcaa	gcacattagg	113340
aaaataacac	tttaacaccc	gcctttgggtg	gtttctgtca	taattattaa	tacttgactt	113400
tttttttttt	tttgagacgg	agtctcactc	tgtcctttga	ggcattgtcc	ccataaactt	113460
ttggtaaagc	atcaataaatt	ttatctttca	tccacacaag	cttcaccata	aatttgatgt	113520
ttattcttcc	attttagcag	aattcatgtt	gctccaatag	gggctgtctt	caaactgatg	113580
ttttctcctt	cttagtgctt	cagagtagat	cctgttcaga	tacgttataa	cagggttaata	113640
tgagtttatt	ttggtgtaaa	agtactttga	aattcatgca	tagttttttc	atcatatgca	113700
ttttccatag	ctttgaacac	ccccatgtaa	ctctcctctt	ccacaaacca	aacaatgaaa	113760
aagcaccttt	gtgatggaag	tttattttgc	aataggaact	cacagtgatc	taagccctgc	113820
tattcatgaa	tataattcat	tactggagtc	caagttgctt	tttggttttt	gaagttctct	113880
tcttcccttg	caggtataga	acaagatgca	gtgaataact	ttaccaataa	tatatctcca	113940
gatgctgcta	aaccaatacc	aattacagaa	gcaatgagaa	atgacatcat	aggtaagcag	114000
tgcttgaaac	tatggcaaaa	aaaaaatgac	aaaaaatgca	cagaactgac	aattttcgtt	114060
attgactaag	ataatttttt	cttaacatgg	aatttagcag	ttcccttctt	aattttgttt	114120
ctgagtattt	tttatatcgg	attatagctc	actttaaaag	tttctcggct	gcattcgggtg	114180
cgagggtctt	tgcctggggc	agatgggctg	cagtgtagcg	gggtgctcagg	cctgcccggct	114240
gctgagcagc	cgggcgggcg	ggcggctacg	ctaaccggca	cagaccaccg	gatggactgg	114300
ccggcagccc	cgcaccagtg	cacgaagtgg	gcgggacaga	aacttctggg	ggttggagtc	114360
cagtgaggct	aaaagccggt	accaaagtct	ctaggcatca	gggctgcagc	ccaagagtct	114420
cacgaccagt	gggcaactgg	atggccagac	aggtgtctca	gtgggtggct	ctccgtctca	114480
gggcttcatc	ccacttctca	gtgggcctga	cgtccctggg	caccctggat	gtctacctgc	114540
attagccaga	gccatcacat	ggcctgtgac	ttgccttttt	ttgccagttg	attgtgccac	114600
acacagtgtc	atthctgtgt	catttggcac	agctggaggt	gcaaggagga	gggcagcctc	114660
atgtccagtc	ccagtttcac	gtaactttat	tcttctgaat	aaagacaatt	tgctaacctt	114720
aaaaaaaaaa	aaaaaaaaaa	agtttttctt	atatgtttgga	cccaaattct	taggctttta	114780
cctgaataac	aatgacagca	agatcaataa	atagtacaca	tttattaaac	actcactgtg	114840
tcccagacaa	tattccaagc	actttttatg	gatagactca	ttttaacttc	taaagaactt	114900
tgtgggataa	atacagttat	tttatagatg	aagaaactga	agcacagaga	agttaagtgc	114960
tttgtccagg	gtaacagctc	agatatggca	gagtcaggat	ttgaaactag	accctcacat	115020
accttaactg	ctgtgctgtg	gcagtgtttt	tcatactgta	gggtgggacc	agccttctct	115080
tatgccctca	ccccctgcca	aaaaaaaaaa	aaaaaaaaaa	aaatatatat	atatatatat	115140
atatatatat	atatatatat	aatatatata	tatatataat	atatatatat	ataaaatata	115200
tgtattagta	tatatgcata	tatagtatat	attatatatt	agtatatata	ctaatatata	115260
atatacatat	tagtgtgtgt	atatatatat	atactagaat	aaaaaaatca	aagtatctca	115320
gagtagtaag	gacaaacatt	tcagaaaaat	gttttcatca	tatatacatg	tatgtatgtg	115380
tatgctgatt	caacaaatat	atttcttata	ggttatagca	aaatagtttg	aaagctttta	115440
ctgtgtttta	tcaggaagac	cttaggtgaa	cgtatattca	cagataaaag	aggttattta	115500
ttcattcaat	aaatattaca	ttctcataag	tcctaataat	atgtattttt	attcttcaaa	115560
aaagttagta	tttgtgattt	atgaaataag	acatgttctt	gcacttttag	cagatctgtc	115620
ccgatgttgg	gcttctttta	tccttagtgt	gggtgctttg	cactcactca	ctgctgggga	115680
cagcaagacc	cctgttagtc	tcagctgtgt	ttcttaaaat	ggcccaactgt	accttccagt	115740
tagctattct	ggggtccatg	tcatgttggc	tccattttcc	ttttctttct	cccacacaga	115800
tacctataac	ggctataaca	taggcctggg	ggctgttggg	ggcttatccc	tatctgcttg	115860
tatttaaggg	gtactgtttc	actgagtttt	gctgacagat	gttgtcatga	gatttgaggt	115920
tttctgtgtt	gttgctctat	ttttatgtgg	gaatttgcta	ctatcatcat	ccctagacca	115980
gcttttccct	gtaatacaac	agggatgttc	tgactgatta	gagtttgctt	gtttgaagaa	116040
ttggttggct	agtgattttt	ttttgagggg	agtctgtacc	agttaatagc	ctgactggcg	116100
tgtggataaa	aaggaagcag	tttcaagtca	aataaaacac	ttaaaatgaa	accacactgc	116160
aactctcttt	cttttactta	agcttaatat	aattaatgat	gatgtaatcc	catgaaggaa	116220
aagtcttctg	aaggatcaag	ttgataacat	tttgtgatca	aagaatttga	gaaaacctct	116280
atcccagtg	ctatcattat	atatttttagg	atgttaatta	cctgtgtggc	tttaggcaag	116340

tcattttttcc	tccttgagcc	ccatttcttaa	tcctgtccaa	attattttgtc	tcctcttgca	116400
gttggactat	tttaatatag	ctgtcccttca	agtgaagttt	gttcaaagga	gccttcactt	116460
tagctcttac	tgtgtaccca	ctttgcatag	tcttgtttta	aatgtaatcc	ttggattttt	116520
ggtgttgcta	actaattact	gttttttatgt	gaggatttag	agtgatccag	aatctatact	116580
tgcactacct	ccttcacatt	ccacaaatgt	ttgaagtgg	agaattttta	aaaactttga	116640
aggtacagct	gacagaat	gctgatgggt	tggagtgag	tggatgaga	gggaaaaaaa	116700
ggaataaagc	atgactgcat	tttttggttg	tttggttggt	tgtttttgag	acggagtctc	116760
actctcgcca	ggctggagtg	cagtggcgtg	atcttggtc	acggcaacct	ccgcctcctg	116820
ggttcaagcg	attccctgc	ctcagcctcc	caagtagctg	ggactacagg	cgctcgccac	116880
cacgcctggc	taattttttt	ttttgtat	tagtagaaac	ggggtttcac	cgtgttggtc	116940
aggatggtct	ccatctcctg	acctcatgat	ctactcacct	tggcctccca	aagtgtgag	117000
gttacaggca	tatatataag	catataaagt	gtgttatagc	atacaaacag	gtatatatat	117060
aaacatgcag	tccacacagc	tgataggaat	gaggcagtag	tgaaggagaa	gttgatgtag	117120
gagaggggac	agttgttaca	ggaaagaagt	ctggaggcag	aagggatgaa	ttccagtgtc	117180
cacatagaag	attgcttaga	tgggagcaag	gacaatttat	ctagagtcac	aggaaagaat	117240
gcagtacacg	ggtagagatg	caggtgagtt	gaaagatgtg	agagatgatg	gaaataattt	117300
tctgattgct	tctatattct	caaggaagca	ggaagcaaag	tcctcagcaa	agagaataga	117360
agaggtgtta	aatattttgag	aaaggagatg	tactgtagaa	aaaaaaaaaa	ctcagtttct	117420
ccttctgaac	tctcacaaaa	cagaaccctt	ccatgactct	agttgtgtgg	ggttttttcc	117480
ctgtcagcta	ccaattctgc	agatgattgt	tcagtgaaca	ccaactgggt	gtcctctaag	117540
tcagttcagt	tctcacactg	tttacctgga	gatagcatca	gatcccacag	attgaggact	117600
ctgtcccaca	agactgcctc	cacttcagat	gccagtctca	agtacaagtt	gtggcctgtg	117660
cttctgactg	accttctata	aattggagtt	cccacagtcc	cctccttggg	ttcaataaat	117720
ttgctagagc	agctctcaga	actcagggaa	atgctttaca	tatatattacc	catttattat	117780
aaaggatatt	acaaaggata	cagattgaac	aggcagatgg	aagagatgca	tgggcaaggt	117840
atgggagagg	ggcacagagc	ttccatgcac	tctccaggtc	atgccacct	ccaagaacct	117900
ctacagattt	agctattcag	aagccccct	ccccattctg	tccttttggg	ttttttgtgg	117960
agacttcatt	atataggcat	gattgatcat	tggctattgg	tgatcagctc	aaccttcagc	118020
cccctcatcc	cgggagggtg	gtgggtaggg	ctgaaagtcc	caaacgtgta	attctgcctt	118080
ggtctttctg	gtgattagcc	ctcatcctaa	agctctttag	aggccacagc	cacaagtcac	118140
ctcattagcc	ttcaaaagaa	tccagagatt	ccatgaattt	taggcgctgt	atgctaagaa	118200
actggctaaa	ggccagttgc	aatgtctcag	gcctgtaatc	ccagcacttt	gggaggctga	118260
ggcaggagga	tgttttcagg	ccatgagatc	aaaaccagcc	tggccaacat	agtgagacc	118320
ccttacaaaa	aatttaaaaa	ttggccaggc	gtaatagctc	ttgtctgtag	tctcagctac	118380
tcagaaggct	gaggatcact	gagccctgga	gttgaaggca	gcagtgaagc	atgatcgtgc	118440
cactgactcc	ggcttgggtg	acaaagttag	accttgtctc	agaagaaaaa	ggaaaaaaa	118500
aaaactgggc	aaagactaaa	taacatattt	cacagtatca	cagatttgta	ttgtctagga	118560
aagtgaatgt	aaacagacca	ggacactagt	atgatccctt	ggtttcatga	aggtcccact	118620
aaagtcatga	acacaaagtg	agactaggca	tcattgttata	tggtttttcc	agccatgttt	118680
aacagctagc	taaatagcta	attgtttcgc	tgcagtttat	tttagcagtt	ccttatttta	118740
gcacatttca	tgttttaaaa	tttctaccaa	taacatttta	ataaactttt	ttacagataa	118800
cttcacaaat	ccataatttt	ttaagttaca	atcccagaaa	tagaattgct	cattgaaagg	118860
gtatgttcat	ttttaaaagt	atgctagaaa	ctgccaaatt	gccttcagaa	aaagggtgtt	118920
gtatccccac	taacactagt	gttagttttc	ttgtgccctt	gctcaagtat	acatattatt	118980
aaaaacaatg	ttggggcag	ttactagata	aaagggtgtg	tgcctcctta	ttctaattcta	119040
tttgattact	agtgaagtatg	tatgtctttt	cacgttggtc	atttttatgtt	tgttcctttg	119100
tggattgtca	tgtcctttgc	tcattttttc	tttggaaacat	ttcttagtag	tttataagag	119160
ctcttggtat	tttaagtata	gtaacctttt	aactgtcatg	catgctgcaa	atcttttttc	119220
tgtttgtttg	cctttgtatt	ttgtttttgg	agggtttcta	tgtataggaa	ttaaatttta	119280
tgttggttaa	tcttttgatt	tctgtctttg	catatgtact	tcaaaagact	ttctatttta	119340
agatcaagtg	ttacctgtat	tttcttttag	ttctatttaa	aacctcttaa	tttatatgcc	119400
tgtgctgtta	actcccaagt	tgattcacaa	gtgtgtatac	atagtttgaa	tttagtggca	119460
atttaattat	ttacaacttc	ttttgcagca	aggatttggtg	gagaagatgg	acagggtggat	119520
cccaactggt	tgtttttggc	acagtccata	gtcttttagtg	caatggagca	agagtaagtt	119580
agttcatatt	ttcacattgt	gcatectagg	gaatttgggt	tcattgttag	gaatgggctt	119640
cactcagcta	aaaacaaagt	attttttgaga	atttaaatat	tttggatatt	tacaagatca	119700
tataaagcat	actctatctt	ggtttaacagt	ttcttttaaa	tataaattat	gtgaactctt	119760
aaaattttca	ttttcatttt	caatgttaat	atttcctaag	ttaaaataat	ttgttttttag	119820
ttctgaaata	atttggggag	tgattgagtc	tgtagtgtat	atgactatta	gaattgggtt	119880
atttatttta	ataatgcatg	tcttcagatg	gctctcctaa	tttgttagtt	aggctttaag	119940
ctaatggat	gctatataac	taaatccaca	tagatttggt	gaaatggctc	cagaggtttt	120000
ttagatttat	tactgctatg	tgcccttaaa	aaaaatctat	tcattctttc	acttaacatt	120060
tatcagaaga	gtgctctgtg	taagacgtgg	ttaggcatag	tgccagtcct	gaaggaagtt	120120
acagccta	aaaagacata	gggcatgttg	tttgggttact	gtaatatgaa	gtggcatgtg	120180
ttaaatgtca	ggggagaact	acaaagtcac	aaaaaggtgg	gagagattac	atacaggtaa	120240

aggaatcagg	aatgacacca	tggggagtaa	ggtagtgttg	acctaggcct	ttaagataca	120300
atagggacag	tatggaaaga	gtatatTTTT	cccacttaaa	ctctttcctt	ggtcgttccc	120360
tcaaattttc	ccttttgtcc	atgtgcaggc	acttttagtga	gtttctgcga	agtcaccatt	120420
tctgtaaata	ccagattgaa	gtgctgacca	gtggaactgt	ttacctggct	gacattctct	120480
tctgtgagtc	agccctcttt	tatttctctg	aggtaaagtc	tgcatttctt	ttcacactct	120540
attcgagcat	tccagcctct	aactatcaat	gctggggccc	tgtctatagg	aaataacaca	120600
gaagagccaa	gtcattttcca	aaaagatgta	tcattgtttc	aagttgtttc	tgatggcaag	120660
agtaatttaa	taatatatta	gagagaacat	gaaaattcaa	tgtattaaat	aactctaatt	120720
ttgagaaacc	taattaaact	actgcatgta	agagagtgca	tgtttttaat	tatttggagc	120780
tatttttaaaa	ccacagaatt	tgaaacttgc	ttccagtgca	taaattgcag	accagacttc	120840
agaagagaaa	aaaagtagta	aattttttct	tatgctcatc	atttttactt	tagtcacttg	120900
ataggattgc	ccagtgaaga	agcatttgca	acagacaatg	agtatattaa	tctttttgag	120960
gcatacagtt	tagtataatg	ctctttgtta	ggcttcaaca	agtgaatta	ttttgttgga	121020
aagcaaatga	ctattaagta	gaaagaggat	tcccagtctc	acaaagcagt	aatttagaca	121080
ctcgattctg	cctctttaca	agaatacagg	tactcagttg	atgtgttttc	tcactccctt	121140
tctttgctat	aagtttaa	caacaatttg	tttaggttaa	tatgtcctca	tggaatgggtg	121200
gaaatgatca	gatataaaat	atttggtttg	gttagtttac	tctttatatg	tttgcctggca	121260
aggaaccaca	aatccagttt	agtataaatt	ttactctagt	tcactaaaag	tttgcaccca	121320
gctgtgtagg	tagtgtttgt	ttcttggtta	cttttttttc	gtctaaaaga	atacttttaa	121380
actttttcaat	ctcaa	tgtaacttgc	tgacagggtg	taacagaaga	agtagatctt	121440
tttgtttttt	gcttatgacc	tgtattttta	tatttgagct	tatagattag	agattgtgag	121500
agaaatctgt	ttatagtctt	attttccctt	gtgtattttt	tcttcctagt	acatggaaaa	121560
agaggatgca	gtgaatatct	tacaattctg	gttggcagca	gataacttcc	agtctcagct	121620
tgctgccaaa	aagggccaat	atgatggaca	ggaggcacag	aatgatgcca	tgattttata	121680
tgacaagtga	gttatattga	tagatggatt	cagcagatac	ttattgaaca	tttgatatgt	121740
tttgtggaaa	taaagatgaa	taaactcagt	ctctgttgtc	aaggagctca	caggaggcag	121800
cataaaagct	gcttttatat	ggtgttttga	aagctttggg	ggttcttaga	acaaaagt	121860
ctgctgggaa	aggggagggtg	tatgtggggg	aaacaggatg	gcaatggtgg	tgttcaagga	121920
gtgtttccca	gaagagagat	tttgttttga	tcccaaagaa	agaagggaat	tttgcctacc	121980
agagaaggca	gaaaacaaca	ttctaggcaa	aggcattggc	ccagaagcca	tggaacgta	122040
ggggaaagtg	gcactttcaa	gaaacttgag	tttagataat	caaaggagtg	gggaataaat	122100
atgaggatgc	tggtactaat	tggaatagat	tgtaagggac	cttgaatgcc	tatttatggg	122160
tatattatac	tttctgtata	aatctgctca	ggcacgttgt	taattagttt	tttattagtt	122220
ttcactgaaa	atgagaggat	ggaaacatca	tacagtaa	aaaattgaaa	atatctgggtc	122280
aggcagatga	tgagcttgtg	gccagctctg	taacgtatgg	tattcttttc	atttaacttt	122340
tcttactctg	taaaaaaagt	aattcgtggg	cgggcacggg	ggctcactcc	tgtaatcaca	122400
acactttgag	aggcagaggc	agggtgaatcg	cttgagccca	ggaatttgag	accagcctgg	122460
gcaacatggc	aaaaccgcgc	tttactaaaa	atacaaaaat	tagctgagcg	tgatggcgtg	122520
cgctgttgt	cctagctact	taggggcctg	aggcagaagg	atcacctgag	ccttgggagg	122580
tcgaggctgc	agtga	gatccactgt	actccaccct	gggcagggca	gtagagtgag	122640
accctgtctc	caaaaaaa	aaaaacaaca	aaggtaattt	gttatttgta	tccttaagca	122700
aatgctaag	gggtaacttg	gggatagaga	aaagtcacac	gatgttaggg	tttgaagaca	122760
ctaatagtat	ctaggccagt	ggttcctgaa	cattagtctg	tgggctcttg	ctgggctgtc	122820
tgcataaggaa	tcacctgaga	gcttattaaa	aataggtttt	caggctgggt	gcgggtggctc	122880
acgcctataa	tcccagcact	ttgggaggct	gaggcaggcg	gattacttga	ggtcaggcgt	122940
tcaagaccag	cctggccaac	atggtaaaac	cccgctctcta	ctaaaaatac	aagaattagc	123000
caggcatgat	ggcacacacc	tgtaatccca	gctactcagg	aggctgagga	aggagaattg	123060
ctcgagccc	ggaggtggag	gttgcagtga	gcggagatca	tgccactgca	ctccaggctg	123120
gctgacagag	ggagactctg	tctcagaaaa	aaaaaaaaaa	ataggttttc	agtctgggta	123180
ccggtggctc	acacctgtaa	tcccagcact	ttgggaggcc	aaggcaggca	gatcacttga	123240
ggtcaggagt	ttgagaactg	cctggccaac	atagtgaac	cttgtctcta	ctagaaacta	123300
caaaaaatta	actgggcatt	ttgacgggtg	cctataatcc	cagctactag	ggaggctgag	123360
gcaggagaat	tgcttgaacc	cgggaggcag	aggactgcat	ctcaaaaaaa	aaaaaaaaaa	123420
aaaggtttcc	agtccccctg	tctcagaaat	tctgattctg	caggtttgag	gtgtgaccag	123480
gaatctttat	ttttagaaga	cataccagat	aattctgata	aatagccagt	ttagggatgt	123540
agtctaattt	tcctattttg	caagtaagga	aaataaggcc	cagagaggta	atgattttct	123600
caaagtcaca	gaacaagtta	gtggcagaat	ttggactgga	atgcagttct	taatgttctg	123660
tccagtgttt	attctgggtac	agtatgtttg	tagaagggtat	tacgtaagaa	acattgttat	123720
atagatgttg	agataggaag	agtttacatt	tagaaatttg	gtctaaaatg	cctgaacatt	123780
caagtcgtgg	aggagtattg	accaacttac	tcaatacaac	ataggagatt	cacattttgt	123840
tacaaaaatg	ctgattttaa	aggagagttt	tctttttttt	cttctttttt	attttttgag	123900
atggagtctt	gctctgtcac	ccaggctaga	gtgcagtgc	acgatctcag	ctcactgcaa	123960
cctccacctc	ctgggttcaa	gcgggttctcc	tgctcagcc	tcctgagtag	ctgggattac	124020
agggtggggc	caccacgccc	agctaatttt	tgtattttta	gtagagacag	ggtttcacca	124080
tggtggccag	gccggtcttg	aactcctgac	ctcaagtgat	ccaccaccca	ctgcctccca	124140

aagtgctggg	attataggcg	tgagccactg	tgcccagcct	gcttggtttt	gtatcatata	124200
tatgcatcat	cataatcatg	cattatcaac	ctttgtatth	ctgtcaggac	atagaaacca	124260
ttagagtgc	tggaagagag	cctttttttt	tttctcgcat	ttaatgcctt	ttttggtatt	124320
catttcataa	tcagcttacc	aaaacattac	ctgcattata	ccccatcaag	gtagaaatct	124380
ttgtgttatc	aatattgggt	actccctttc	cacaccgagt	catcagtaag	tcctgttcta	124440
tccaaatagg	tcatatgcat	ctagctcacc	cctcagtgct	gttttggttt	gaatttgtac	124500
atgtttactc	ctgatgcctt	gtagttatga	tgatgtgttc	ttattttatt	ctgtgcatac	124560
aagttctcag	ctcgcttttt	agggaaaatg	accatgtctt	cctttcctat	aaattccttt	124620
ctatctatca	agtcctcaac	agagaatagg	taccataaaa	tatgtgattg	ttagtttctt	124680
tgccctcagtt	gtagtctgat	ccttacagct	tttaaacaac	agtagagttc	accgtcaaga	124740
actaaggatg	gttggcaggc	agatagaaag	gtagcaagtt	gacccaacta	tctctgggga	124800
agtgggaaca	aagaaagggt	acatcagcac	tgatcatcaca	tagctctata	gttctaggcc	124860
tgagggtca	atcaagtagc	cttgataag	attctctgga	ggagggtgctg	aaagttgctt	124920
atacttgcta	tggaatttga	ttttacttcg	gatattcttt	taccataggt	acttctccct	124980
ccaagccaca	catcctcttg	gatttgatga	tggtgtacga	ttagaaattg	aatccaatat	125040
ctgcagggaa	ggtgggccac	tccccaactg	tttcacaact	ccattacgtc	aggcctggac	125100
aaccatggag	aaggtaaccc	agaacttcaa	acgtatcaaa	ctacaagaag	ttttattggt	125160
agaactcata	aatataaagg	tgggaaaacc	aagcagaata	gcacagtggg	aattgaagca	125220
gtccagcaaa	gtgattaaga	gcagaggcct	tgagtctggc	ctgggtatgta	cagtcacgtg	125280
ccacataaca	ttttagtcaa	cagtggactg	cgtgtacgat	ggtcctgtac	gattataatg	125340
gatcaaagct	ggtagtgcga	taataacaaa	agttagaaaa	aataaatttt	aataagtaaa	125400
aaagaaaaaa	gaaaaactaa	aaagataaaa	gaataaccaa	gaacaaaaca	aaaaaaatta	125460
taatggagct	gaaaaatctc	tggtgcctca	tatttactgt	actatacttt	taatcattat	125520
tttagagtgc	tccttctact	tactaagaaa	acagttaact	gtaaaacagc	ttcagacagg	125580
tccttcagga	ggtttccaga	aggaggcatt	gttatcaaag	gagatgacgg	ctccatgcgt	125640
gttactgccc	ctgaagacct	tccagtggga	caagatgtgg	agggtgaaaga	aagtgttatt	125700
gatgatcctg	accctgtgta	ggcttaggct	aatgtgggtg	tttgtcttag	tttttaacaa	125760
acaaatttaa	aaagaaaaaa	aaaatttaaa	atagaaaaaa	gcttataaaa	taaggatata	125820
atgaaaatat	ttttgtacag	ctgtatatgt	tttgtgttta	agctgttatg	acaacagagt	125880
caaaaagcta	aaaaaagtaa	aacagttaaa	aagttacagt	aagctaattt	attattaaag	125940
aaaaaaattt	taaataaatt	tagtgtagcc	taagtgtaca	gtgtaagtct	acagtagtgt	126000
acaataatgt	gctaggcctt	cacattcact	taccactcac	tcgctgactc	accagagagca	126060
acttccagtc	ttgcaagctc	cattcatggt	aagtgcctta	tacagatgta	ccatttttta	126120
tctttttatac	tgtattttta	ctgtgccttt	tctgtatttg	tgtttaaata	cacaaattct	126180
taccattgca	atagtggcct	acgatattca	ttatagtaac	atgtgataca	ggtttgtagc	126240
ccaaaagcaa	taggttgtac	catatagcca	aggggtgtag	tagggccatac	catctagggt	126300
tgtataagta	cactctgtga	tgtaggcaca	atggcaagca	gcctaacgga	aattctgttt	126360
attgattgat	tgattgattg	attgattgag	acagagtthc	actccattgt	ccaggctgga	126420
gtgcagttgc	acagtcttgg	cacactgcaa	cttctgcctc	ccagggtcaa	ccaattatcc	126480
tgccctcatcc	tcccaagtag	ctgggattac	aggcaggcac	caccatacct	ggctaatttt	126540
tgtatttttag	tagagacagg	gtttcaccat	tttggccagg	ctgttctcga	actcctgacc	126600
ttaaagtgatc	tgccctgcttt	ggcctccgaa	agtgtctggga	ttacaggcat	gagctaccat	126660
gcctgggcag	taactgaaat	tctctaatac	cattttcctt	atctgtaaag	tgacgataat	126720
atgcacgtht	acctcaaagt	tactttgatg	attaaagtaa	ggtaatgtat	ataaaaataca	126780
tattaacata	gtacctgaca	catggtaagc	atcaaaaaat	gttaactact	tttattacta	126840
ttattattac	gtatttttta	ataattagag	agcagtatca	aaaattagct	gggcgtagtg	126900
gcatgcacct	atagtthcag	ctactcagga	ggctgaagct	ggaggattgc	atgagcctgg	126960
gaattaaagg	ctgcagtgag	ccgtgttcat	gcccctgcac	tccagccttg	gtgacagagc	127020
aagaccctgt	cttgaacaat	taaagaaggc	attatgccgc	aacgttagct	tagaaatgat	127080
ccacatatat	caccagtaac	tgtcaacagg	attggaaccc	tagttttggg	tattatgatc	127140
acaaggatatt	attaatagct	tattaataat	aaagcgttgg	ctaggcacgg	cgactcacat	127200
ctgtaatccc	agcactthtg	gaggccgagg	tgggtggatc	acctgaggtc	aggagtttga	127260
gaccagcctg	accaacatgg	agaaacccca	tctctactaa	aaatacaaaa	ttagccgggc	127320
gtgggtgggtc	atgcctgtaa	tcccagctac	ttaggaggct	gaggcaggaa	aatctcttga	127380
acccggggagg	cagaggttgc	agtgagctga	gatcgcacca	ttgcactcca	gcctgggcaa	127440
caagagcaaa	actccgtctc	aaaaatataa	ttataataaa	taaataaaaag	taaagtattg	127500
atgtttgtga	atgattttatt	cttctaataa	actagaggag	attttttccag	gaatttcaga	127560
gccagtggag	ttatgttgct	tgtatgtgtc	atgtgtatcc	agggtgaaaaa	acttaattaa	127620
acgtatattat	ataataccat	acataaaaaac	tgaatttttag	gaatactgaa	gaatgacata	127680
tagaagtcaa	atcattaaat	agctagtagt	aaacagaata	gagtgtcagc	tgttacccaa	127740
tgatgataat	atthttcacga	ttaaaattaa	acctthttctg	atthttaaaag	aaaagttcag	127800
atctgtatca	tataaagaat	gtaaatttht	agggttaataa	aattaaaatg	cagagagaaa	127860
aatgcaaaaa	tagttcttac	tagatgtgtg	tatgtaagga	acttagacta	atthttaagaa	127920
cactgtcaag	accttggtag	ttaggttagga	aaaaagacat	gaatgattca	ttcaacaaaa	127980
actttgagta	tttctgtgct	agatggtagt	gttacagtgg	taaacaaaat	aatgtgtttt	128040

ctgctatcct	ggagcttagt	ctacaaaaaa	ggtacatatt	ggccggggcac	ggtgggtcac	128100
gcctgtaatc	ctagcacttt	ggaagatcga	ggcgggtgga	tcacctgagg	tcaggagttc	128160
aagaccagct	tggccaacat	ggcgaaaccc	cgtctctact	aaaaatacaa	aaattaactg	128220
ggtgtggtgg	cggacacctg	taatcccagc	tactcgggag	gctgaggcag	gagaatcact	128280
tgaacctggg	agacagaggt	tccagttagt	cgagatcatg	ccactgcatt	ccagcccggg	128340
ggacaaaagc	gaaaatacgt	ctcaaaaaaa	caaaaacaaa	caacaaaggc	acgtatttaa	128400
tacgaacata	aatattttaca	aattatactg	aataagttct	catgtttatt	atttgcttgt	128460
ccagttacaa	actttttcctt	cgtagaatta	gaaatataaa	taataaacat	gagaactcat	128520
tcagtataat	taataattat	taaatgtaaa	taaaaacatc	tatgtacaat	taggcattta	128580
tttaagaatt	atttgaaaaa	aaaacaatgt	ggaaacagat	attttgatat	attgctagt	128640
attgaaattg	ataatgttct	tttgaagagt	aaagtgacca	tatatattaa	agttaaaatt	128700
taactcagca	atcacacgcc	tgggtgagtta	tcttaaggaa	atcagtttga	aagtaaaatc	128760
aatatatgca	caaagacttt	aacattttatc	ataaaccaga	aaaatcgagt	ttcaaattat	128820
atcctatgga	ctattttctg	ctaaaaagta	ttaatatcaa	ctttatgtaa	tactttcgtg	128880
acaaatat	tgggggagaa	aacccaacaa	aattacatgc	attgtaat	tttttttttt	128940
ttttttttta	gacagtcttg	ctccagcgtc	caggctggag	tgcagtggg	caatctcggc	129000
tcactgcaac	ctccatctcc	caggttcaag	caattctcct	gcctcaggcc	tcccagagtag	129060
ctgggattac	aggcgtcac	caccatgcct	agctaatttt	tatagttttt	agtagagatg	129120
gggtttcatc	atgttggcca	ggctgggtctt	gaactcctgg	tctcaagtga	tccgtctgcc	129180
tcggcctcct	agagtgtgga	gattacaggt	gtaagccact	gcacccagcc	ttatgcatta	129240
taattttaat	ttgtaaactg	tacaaaggga	taatacttgt	agtacaacaa	gaagtaaaaa	129300
catttgttat	aggtagttaa	catttgtaac	cagtagaatt	ataggtaaaa	tttattttatt	129360
taaaacagtt	ttagtgggat	ttgatttcaa	ctttaaaata	atgcttttca	tctctatcag	129420
gtctttttgc	ctggcttttt	gtccagcaat	ctttattata	aatatttgaa	tgatctcatc	129480
cattcggttc	gaggagatga	atttctgggc	gggaacgtgt	cgctgactgc	tcctggctct	129540
gttggccctc	ctgatgagtc	tcacccaggg	agttctgaca	gctctgcgtc	tcagggtattg	129600
actgattgcg	tctgccatta	gggagaaaag	catacacatc	ctttccttca	catcccagta	129660
acagatccta	ttattttgtaa	atttttaagt	gtggaaaaaa	aagataaaaag	ccaggcacag	129720
tggcctgtgc	ctgtaatccc	agcactttgg	gaggctgcgg	tgggcggatc	acacgaggtc	129780
aggaattcga	gaccagcctg	gccgacatgg	tgaaccccca	tctctactaa	aaatacaaaa	129840
attagccggg	catggtggca	ggcacctgta	atcctagcta	cttgggaggc	tgaggcagga	129900
gaatcgcttg	aacccaggag	gcagaggttg	caatgaacca	aaatcacgcc	actgcactcc	129960
agcctgggtg	acaaagttag	actgtgtctc	aaaaaaaaaa	aaaaaagaga	gaaataaaat	130020
tagcctactt	actatcttct	aatcaaagca	tttgtggtaa	cttaaaatat	actgtattgt	130080
aaagtatcat	gctgtttcat	ttaggccatt	attctatttg	aatctgtggc	tgtttctctt	130140
aataaatcaa	gtaatatgga	atataattcat	agcctctgaa	gagctcttta	tgtaagtatt	130200
tatttaggat	actttttgta	aaataagtga	atgaattctt	aggtctcctt	tttttttctt	130260
ttcttgagac	agggtctcct	cgctgcaacc	tggaaattct	gggctcaaat	aatccaccca	130320
ccacagcctc	ctgaatagct	gggactagag	gcatgcacca	ccacgcctgg	ctaatttgaa	130380
attttttttt	ggccaggcat	gatggttcac	gcctgtaatc	ccagcacttt	gggagaccga	130440
ggcaggcaga	tcacgaggtc	gggagatgga	gaccagcctg	gccaacgtgg	tgaaaccccg	130500
tctctactaa	aaatacaaaa	attagctggg	tatggtggct	catgcctgta	atcccagcta	130560
cttgggaggc	tgaggcagga	gaatggcttc	aaccaggggag	tcggagggtg	cagtgagccg	130620
agatcacgcc	actgcactcc	tgcattggtg	cagagtgaga	ctccatctca	aaaaaaattt	130680
ttttttttaa	tgatggagtc	ttgctgtgtt	gctcaggctg	gtcttgaaac	cctgacctca	130740
aatgccgcct	gcttcagcct	aagtttcttt	tttttttgta	aagagacagg	gtcttgctat	130800
gttggccagg	gtagtctcaa	actcctggct	tcaagcagtc	ctcccacctt	ggcctctcaa	130860
agtgtgggga	ttacaggcgt	gaaccactac	ctataatgtt	gtgttttact	caaggccttt	130920
tgatttcgtt	ttgcattacc	gtgccacatt	gtgcatttcc	ttgacctttt	ttgggttttt	130980
tggagtgtct	tcatatgtta	aaccatacct	gattctcctc	aaaatcacac	aaagtagaat	131040
atcctaagac	aagaaatcta	aggaggcata	aagaagttaa	ctggttttat	taaactcaca	131100
cagtaaataa	tagagccaga	aatattcccc	ttctagtgtt	cttcaccatc	agcttaatgt	131160
agcataataa	ttttctaat	actgttgaca	aataaataac	cctttgaatt	ttcaataactg	131220
ggccttggat	aaattttcct	aatgttgtaa	agagtattat	cgtattgcca	tttacaagc	131280
tctcctgagt	atctttttct	tctgttaagt	ttacctagga	gataaactgc	tgagtatggg	131340
tgccattttg	gttttttgat	ataggttaga	atgtcttggt	tttttttttt	tttttttttg	131400
gtttttgttg	ttgtcattgt	ttgagacagc	atcttgctct	gtcgcccagg	ctggagtgc	131460
atggcacgat	cgtggctcac	tgcaacctcc	acctcccggg	ttcaagcaat	tctcctgcct	131520
cagcttcctg	agtagctggg	attacaggca	tgtgcaacca	cacctggcta	atttttgtgt	131580
tttttagtaga	gaaggggttt	caccatgttg	gtcaggctgg	tattgaactg	ctgacctcat	131640
gatccacctg	cctcggcctc	ccaaagtgtc	gggattgcag	gcatgagcca	ctgcacctgg	131700
ctgaatgtct	tgtttttgat	taggcactta	agaaaggcct	aggtactaac	cataaaatat	131760
atttttatac	cttttggtga	tactatatat	atagaaaact	gcacttatca	taaccttaga	131820
caccttgaag	aatgttcaca	agcagaacta	acctatgtga	cccagcatcc	agatcaaaaa	131880
cagcattatc	agccctctca	gaagccctct	tgggcccctt	ccattcactg	tccttcttgt	131940

caccagggta	gctactatcc	tgacttttga	tggcatagat	tagcattacc	tgttcttgtc	132000
atthttataaa	taaaaccata	ctgtgtattc	ttttcttgtg	cagctttatt	gtgctaattc	132060
acattttacat	catacaattc	agtgggtttt	atatggtcac	agagttaggt	aaccattacc	132120
acatcgattt	tagaacattt	ttttcactcc	agatagaaac	cccctttact	taaactccaa	132180
atccccccact	ccaccagccc	taggcagcca	ctagtctact	ttttatctct	atagagacaa	132240
tagattttgct	tattctggac	atthtcataaa	catggaaccg	tatattatgt	ggctctttgt	132300
tgccaactgt	ctttcactta	gcatcatgtg	ttcaaaaagag	catcatgtta	tccatgtttg	132360
gcatgtatca	gaattttatt	cctcattatg	gccaaatatc	ccattgcaag	gatttatgac	132420
atthttatttg	aattgtaccc	tcctttctgc	catttatcaa	taatgctact	gtgaccattt	132480
gtgtacaagt	ttttgtgtgg	atacaggttt	tcctttttgtt	tttaaatttg	aggtggagtc	132540
ttgctctgtc	gccagggctg	gagtgcagtg	gcacaatctc	ggctcactgc	aacctctgtc	132600
tcctgggttc	aagcagttct	cctgcctcag	cctcccaggt	atctgggact	ataggcacgc	132660
accaccacgc	ccagctaat	ttttagtaga	gatgggggtt	caccatgttg	gccagtctgg	132720
tctcgaactc	ttgacctcaa	gtgatccacc	catctcggcc	tcccaaagtg	ctgggattac	132780
aggggtgagc	cactatgccc	ggctgtgggt	ttcattttctt	ttgttgtata	tacataggag	132840
tagaattgct	gagtcaagag	gtaactctta	aacttattga	aaaactgcca	gattgttttc	132900
cgaaaaggct	gcaccatttt	gcaatcccac	cagcagtgtg	tgagttttac	agcttctcca	132960
catttcattg	gaacttatta	tctgtttggc	tgthttttaa	aatgatagtc	attccaataa	133020
gttctacttc	agtgtgggtt	ttgcacttct	ctgatgagta	atgatgttga	gcatcttttc	133080
atthtgcttat	tggcctttgt	tctagctttg	gaaaaatgtt	tattcaaatc	ctttggccat	133140
ttttatthttt	atthtttattt	atthtttthtt	ttttgagacc	aagtctcact	ctgtcagcca	133200
ggctggagta	caatgggtgtg	gtctcagctc	actgcaacct	ccgcctcctg	tgthcaagtg	133260
attctcctgc	ctcagcctcc	cgagtagctg	ggattacatt	tcaggcacct	gccagcatgc	133320
cgggctgatt	tttgatthttt	tactagtgc	agggthttcac	catgttagcc	aggctgggtca	133380
caaactcctg	acctcaggtg	atctgcctgc	ctaggcttcc	caaagtgtcg	ggattacagg	133440
cgtgagccat	tggggcccagc	ctagatthttc	ttthttctttt	ttthtttttga	gaaggagtct	133500
tgctcttgtt	gccagggctg	gagtgcfaatg	gcacaatctt	ggctcactgc	aacctctgcc	133560
tcctgggttc	aagcgatttt	cctgcctcag	cctccccaggt	agctgggatt	acaggtgcct	133620
accaccacac	ccagctaaact	tttgatthttt	ttthtagagac	agggthttcac	catgttggcc	133680
aggctgggtct	caactcctga	cctcaggtga	tccacctgcc	ttggcctccc	gaagtgtctgg	133740
gattaccggc	atgagctacc	aggcccagcc	aattthttctca	ttatatgtcc	caggctgggtc	133800
tcaaactcct	gggttcaagt	gacccctcctg	ccttggcctc	ccaaagtgtg	gggagtacag	133860
gcgtgagcca	ccttgctcag	cccctthggc	cattthtttaa	ttagatgtcc	ttthttatatt	133920
gagthttcagg	agtcctthttat	atattctaga	taaatgtccc	ttatcaaatt	atattatthtc	133980
caggatthttt	cttcattctg	tgagthttgtct	ttcctctacc	ttthtaaaaa	ggthgggtthtt	134040
tgthttgtttg	tttgthttgtt	ttthtaagat	aaggtctcat	tctgctgccc	aggctggagt	134100
gcagtggtcac	aatcacagct	cactgccacc	tcaacttccct	gggcccgaagt	gacccctctta	134160
cttcagcctc	ctgaatagct	agggccatag	atacacacta	tcacacccag	ctthttthttt	134220
ctgthttgtag	agacagatct	tactgtgttg	cccaagtthgg	tctcaaactc	taggctcaaa	134280
gtgattctcc	cacctctgcc	tcccagagtg	ctgggattac	aggtgtgagc	cacacgcaac	134340
ctgtctthttc	actattaata	gtgtcttccct	gcttcagcct	cccagtagc	tgggattaca	134400
ggcaccacc	accatgcctg	gctaathttt	ttgcathttt	agtagagaca	gtgtthtcacc	134460
atgttcaccc	ggctgggtctt	gaactcctga	cctcaggtga	ttcacctgcc	atggcctccc	134520
aaagtgtctgg	gattacaggc	gtgagccact	gcacccggcc	aaaatattgc	cttcttaaca	134580
gtattgtctt	ctaathttgtg	aacatggatg	tatcttcatg	tattttatgtg	ttctthtcatt	134640
tcagcagaat	tttgtagthtt	tcagagtaga	agcctthtcac	ctccttgggt	cattthattcc	134700
tatgtthttaa	gttctthttcg	atthccattat	aaatagaatt	gtthttcttaa	tttcathtttc	134760
agattgtthtg	atgagagagc	atagaaatac	aagtgtthttt	tacatgttga	tcttgcaact	134820
tcaactthtga	taaatctgat	tgthtagctct	aatagthtttc	ttgtggattc	tttaggattt	134880
tcaatatata	agatcatgtc	atthtatggat	agagatagth	ttthttctgg	ctagaactta	134940
cagagcaatg	atgagtagaa	gtggcagaag	caaaaatctt	tgtcttgttt	cctatctgac	135000
agggaaagct	ttcagthttca	tcathttaata	tgatgttagg	tgtgggtthtt	caataaatgc	135060
ctthttthtcag	atthcaggaat	ttccctatca	ttcctgattt	tttaaggctt	ttthttthttt	135120
ttaaatcatg	aaagggtgtt	gaatattgtc	atgttctthtc	tgtatcagta	taaatgatcc	135180
tatggatthtt	gggtthttatt	ctgttgatgt	gaaatattaa	ttgattthtca	gatgttaaac	135240
caaccttgca	tacctgagat	gaatctcact	tggtcatggg	gtataatctt	ttcaatatgc	135300
tgctggattc	catttactgg	tattthttgtg	aagatthttgt	atctgaacgc	ttaagataac	135360
atthtacttc	tatcagaaat	gaattgacca	taaatgtgag	agtgatthttg	tgggttcttg	135420
attctctthtc	atthccaaaga	tagacataca	tccgtctgta	tgtctgtctt	tatgccagta	135480
ccatactctc	ttgattacta	ttgctthtga	ataagthttg	aaatcagaaa	gtataaatga	135540
gattthttggta	tctgagtaac	agtcctcata	gaattagtht	ggaaatattc	cctctthtatt	135600
ctgggtccctc	tttctthttt	gtthtaactgt	gtatcttgga	gattgttccct	tctcaacaca	135660
tgagagccgc	tttccctacc	ctcccacccc	tgctatagag	aggtctataa	gtgtctgttc	135720
aattatthtta	tttacttaac	ctattactta	gtcggggaca	ttaagcttgt	ttatgtcttt	135780
tattthtaaac	aatgctgcag	tgaataatct	tgtatataag	tcattthtcca	tcaatataag	135840

tctctctgta	actgaatttt	tagaagtgga	atttctaggt	caacctatgg	ctctgtattt	135900
cacaaaaata	ccaattctgg	tttttcttgt	ggaggtgggg	agtaggaggt	agaatgctgg	135960
aggagaactt	gctgtactca	gctggctagt	catttttagaa	aggtttcctt	agcttctttt	136020
tgtcatatgg	cctcaccaag	aatcaaaaac	attcctattt	accctgtaaa	catgggggctt	136080
tactacccaa	gatacatatt	tctggatgta	tgacagcttt	tcatattgaa	gaaataatgc	136140
tgtgagtaca	gcacatttgt	tggaacttag	gtcgttaaga	atgtcttata	aattcataca	136200
ttatacattt	tatttttattt	tatttttttag	tttttgatac	agagtcttcc	tctgtcgccc	136260
aggccagcgt	gcagtggtag	aatcttggct	cactgcgacc	tccatctcct	gggctcaagt	136320
gattctcatg	tctcagcctc	cagagtagct	atggttacag	gcatgcacca	ccatgcccgg	136380
ctaatttttt	tattttttagt	agaaactggg	tttcaccata	ttgaccatgc	tggcctcgaa	136440
ctcttggcct	caagtgatcg	gcctgcctca	gcctcccaaa	gtgctgggat	ccttgtattg	136500
ggtaaaagat	gaatattgag	ggctgcatgg	tggctcatac	ctgtaatccc	agcactttct	136560
gagactgagg	tgggaggagt	cctggagccc	aggaggggtga	ggctgcagtg	agttgtgatc	136620
gcgccatttg	acttcaacct	aggaattata	ggcttcagtc	actgtgcccg	gcatgtacat	136680
tttaaatattg	tgctttcctc	ttttagctat	agtatgaggt	tacatttcag	agtcattgtt	136740
gttaagcatc	ttaatagtga	tgaggttgag	tgaaagttac	ttctatttca	aacactgaag	136800
aaaattttgt	acaaatctgt	cacattccaa	gcccaggact	gattgtttca	tatacttcta	136860
attttacaat	ttctattgta	gtccagtgtg	aaaaaagcca	gtattaaaat	actgaaaaat	136920
tttgatgaag	cgataattgt	ggatgcggca	agtctggatc	cagaatcttt	atatcaacgg	136980
acatatgccg	ggtaagctta	gctcatgcct	agaattttta	caagtgtaaa	taactttgca	137040
tcttttaaat	tttttaatta	aatttttacat	ttttttctaa	tctattatta	tatgcccaga	137100
actttcactt	agagtgtgca	gtataatgtg	gtggtttaagt	ataaaggctc	tggagtgact	137160
tcttgggttt	taatcttggc	tctgccattt	attggcagcc	gctaacctct	tggtatctca	137220
gtttcttcat	ctgtaaaatg	agaataataa	agtgaaaaga	tgccaacatc	atttactctg	137280
ggctgcataa	ctgatacttg	gaaaaagtat	tcctttgagt	ttaagaatta	agttggttat	137340
tcatttttagc	ttgtataaaa	aagatagtga	ttcataggat	atgccactta	ctgaaattta	137400
ccacagatcc	aatcataaaa	tcacttttctc	ttccctaaag	atagcttgat	taacatgtaa	137460
agggtgtgtaa	aggcttgatt	acactaccct	gatccgtacc	ccagttccca	gcagcaccat	137520
gaaaaaggga	tttcaacata	tttaattact	ttcagtagaa	agtaacagtg	gtaggccagg	137580
cgcagtggct	cacacctgta	atcccagcac	tttgggaggc	cgaggtgggc	ggatcacgag	137640
gtcaggagat	tgagaccatc	ctggctaaca	cgatgaaacc	ccgtctctac	taaaaataca	137700
aaaaattagc	cgggcatggg	ggcaggcacc	tgtagtccca	gctacttggg	aggctgagac	137760
aggagaatgg	cgtgagcccg	ggaggcggag	cttgcagtga	gcttagattg	tgccactgca	137820
ctccagcctg	cgcagtggag	cgagactcct	gtctcaaaaa	aaaagaaagt	aacagtggta	137880
ttgggagact	gaggagccta	gaaagtactt	gaaggaagta	aaaggtttgt	ttgaccacat	137940
tgtattttgg	aagccagctt	tttcagctgt	gtcagctttg	tgtagtgatt	tttagttctt	138000
ctttttagaaa	ataacggaca	aggccgggca	cgggtggctca	cgctgtaat	cccaccactt	138060
tgggaggccg	agacggggcg	attacctgat	ctcaggagtt	cgagaccagc	ctgggcaaca	138120
tggtgaaacc	ccgtctctac	taaaatacaa	aaagttagcc	gggcgtgggtg	gcgtgtgcct	138180
gtagtcccag	ctactccgga	ggctgaggca	ggagaattgc	ttgaacccgg	gaggcggagg	138240
ttgcagtgag	ccaagatcac	accattgcac	tgcagcctgc	gcgacagagt	aagactctgt	138300
ctcaaaaaat	aataataaaa	taaaaaagaa	tggacagtaa	acctaaatga	gttcattccc	138360
aaagatgatg	ttattcttaa	gggatgggtc	atttatttta	gaccttacat	aaagtctatc	138420
aattgcgtga	tttttcactt	ctgtaattgt	gtgtatgtat	aatgtaaaata	tatatgtttt	138480
tgtttttgttt	tgggttttttg	agacggagtc	tcgctctgtt	gctcaggctg	gaatgcagtg	138540
gtgcaatctc	agctctctgc	aacctctgtc	tcccagggtc	aagcgtttct	tctgcctcat	138600
cctcccaagt	agctgggact	acaggcacgt	gccaccacgc	ccggctaatt	ttttgtattt	138660
ttagtagaga	tgggggtttca	ccgtgttagc	caggatggtc	tcaatctcct	gacctcgtga	138720
tccacccgcc	ttggcttccc	aaagtgttgc	tattacaggc	atgagccacc	acacccagca	138780
tgtatttttt	aaatgtataa	aatgaagcag	aaaagagaaa	tgataatttt	tcttcatctt	138840
gaaagattat	cttcaccagg	cgcagtggct	cacacttgta	atcccagcac	tttgggaggc	138900
ctcggcaggc	ggctcacttg	agttcgaaac	cagcctggcc	gacatgggtga	aactccgtct	138960
ctactaaaaa	taaataaata	aagatgggtt	taatatatgt	tttagtttta	tgatttttagc	139020
atcttttctga	aattttttctc	aaggcaagta	aatttgtatc	agttgggtata	ttgggtaccca	139080
tctatgaaat	aacttattag	gaagatatct	ctaaaataag	atcactttgc	ctaaaataaa	139140
ctgatataatt	gatgttcaca	gaatttttct	tttaaccgac	ttgataaatg	cattattctt	139200
gacgtcaagt	gatccacctt	cctcagcctc	ccaaagtgct	gggattacac	acatgagcca	139260
ccgcacctgg	cattattctt	ataaaagggt	aaattttctag	ttaaagttaa	tgtcctcttt	139320
gttcatgtac	cattgcttat	tttcttccct	tcctactcac	agtaatcatt	cttatgggtat	139380
gcacttttgt	ttgcttattt	ttatgtaatt	gatattacgc	tccattctgt	acgttgtact	139440
ttcattcaca	gtgagttttg	gacattccta	tgttcatcta	tacagactta	cttcatttta	139500
actacactgt	agtattccgt	atgtaaatatt	tactataact	catcactgta	gcagagcatc	139560
tcatagtgtg	tgtattactg	ttttgccatt	ttgggtatcaa	tgagtattta	agtcatttgc	139620
agtttttccc	tcttataccc	agtattacag	aggatctctt	tttatatgct	tctttgtacc	139680
aagaggcaga	ttaaaaaatt	tttttttgaa	aaaatttttg	aaaaaaaatg	aaatgaagtc	139740

tcactatggt	gcccaggctg	gtctcaaaact	cctagggtca	agcaatcctt	ccatcttggc	139800
ctcccaaagt	gctgggggta	caggcatgag	ccaccatgcc	tggcctacat	tttaaatttt	139860
gatagctctt	acaattttact	ttgtaaagta	tctgcatcat	tttatgttct	caccagtctt	139920
taataagaat	acttcatact	tttggctgga	cacagtggct	cacgcctgta	atcccagcac	139980
tttgggaggg	cgaggcgggc	agatcaagag	atcgagacca	ccctggccaa	tatgggtgaa	140040
ccctgtctct	actaaaaata	caaaaattag	ctgggcgtgg	tggcgcaccc	gtagtcccag	140100
ctactcgaga	ggctgagaca	ggagaatcac	ttgaaccogg	gaggtggagg	ttgcagtga	140160
cttagatcac	accactgcac	tccagcctag	caacagagtg	agactctgtc	tcaaaaaaaa	140220
aaaagaatac	ttcagactta	atTTTTTTTt	cagtcttaag	tgtttgctaa	tgagattgag	140280
tttcttttgg	tatgtctctt	gattgttcag	gtTTTTTctt	ttatgaattg	actgttcatc	140340
tctttttcac	attattttctg	ttgggtgatt	ttattagtga	cttggttaaaa	ttctgtatat	140400
tttttcagca	tgacacttca	ttattcaaaa	aaaaaaaaag	attctctatg	tttctcgata	140460
ctaatacattg	gttggttaata	ccttaaaaat	aagaccctta	ctgtatTTTT	tgtttttttt	140520
tttttttttt	tttttttttt	tttgagatag	agtcttgctc	tgttgcccag	gctggagtgc	140580
aatggtatga	tctcggctct	cagctcactg	caactgcaac	ctctacctcc	ctgtttcaag	140640
caattctcct	gccttagcct	cccaagtagc	tgggattaca	ggcatccacc	accacaccca	140700
gctaattttt	gtatttttag	tagagacagg	gtttcaccat	gttggccagg	ctggtctcaa	140760
actactggcc	tcaagtgatc	cgcttgcttc	ggcatcccaa	agtactggga	ttacaggcat	140820
gagccacagt	gcctagccac	tttttgcttt	ttacttttgt	tttatagtac	tatagtttta	140880
gtataaacag	atgtatgtat	acacacaact	atggctttat	aatatgtttc	agtcattgtt	140940
agagcaaggc	ctaccttttg	ggtgcttctt	ttacaaaatt	gtcttggtta	ttcttggtgc	141000
ttttttctta	tttgtgaatt	ttagaattgt	gaattacctg	ttgactcacc	atgttttgta	141060
aactgaggat	tttgaatgga	attgcactca	attaaagatt	atcttgcttt	ctgtgcagca	141120
atgttttatt	tcaaataatc	cctactttta	attacttagg	atagctataa	attgtgtttc	141180
tggctttcta	gatttagatg	aaacgcttta	aattgattgt	tttctcctaa	attttaaact	141240
gattgttaga	agttaaagtc	ttctgttcat	tcttatttag	gaagatgaca	tttggaagag	141300
tcagtgactt	ggggcaattc	atccgagaat	ctgagcctga	acctgatgta	aggaaatcaa	141360
aaggtttgtg	gtgtttttat	acttcataat	aagcctttac	tcacattagt	gattgactgt	141420
aagtcaaaga	ccacttaagg	tttaaactgt	ttattttgta	aagtaaccac	tgtatctttc	141480
acctgtgtgt	tatagtcaga	agtaagtaca	agggtctcct	gtagtcacat	ctttatgcaa	141540
tctcctctga	atcaaaaagt	agtgaacttg	ctttgcccact	ccagaaggca	catgaatatg	141600
aaaaagcatt	gtctattttc	ttattttaatg	gcaaaaatacc	cgacctaaagt	tggacttaat	141660
gtttgagacc	gtttatttta	ttaaattata	ttttttctct	tttctttttt	ttttttgaga	141720
cagttcttgc	tctgtcaccc	agaccggagt	gcagtggctc	gaccgcacct	cactgcaacc	141780
tctgcttcct	aggttcaagc	gatttttcctg	cctcatcctc	ctgagttagc	gggactacaa	141840
gtgcgcacca	ccacacctgg	ctaatttttg	tattttttagc	agagatgagg	tttcaccacg	141900
ttggctaggg	tgggtctcata	ctcctgacct	caagcaatcc	atccgccttg	gcttcccaaa	141960
gtgctgggat	tacaagtgtg	agccaccatg	cctggcctta	ttaaattatt	tttattaaat	142020
ttcctcaaga	ttgatgaaag	taatgaaata	taaaagtaat	gaaatatatg	tggaaaatag	142080
actggattaa	gaaaatgtgg	cacatatata	ccatggatac	tatgcagcca	taaaaaagga	142140
tgagttcatg	tcctttgtag	ggacatggat	gaagctggaa	accatcatte	tgagcaaact	142200
gtctcaagga	tagaaaacca	aacaccgcat	gctctcactc	ataggtggga	attgaacaat	142260
gagaacactt	ggacacaggg	tgggggaacat	cacacgctgg	ggcctgtcgt	gggggtggggg	142320
gctggggggag	gaatagcatt	aggagatata	cctaataata	atgacgagtt	aatgggtgca	142380
gcacaccaac	atggtacatg	tatacatatg	taacaaagct	gcacgttggtg	cacatgtacc	142440
ctagaactta	aagtataata	aattttaaaaa	aaataaatat	atgtggaaaa	tattaatagg	142500
tcaaaaattca	aattgttcat	ttaatcagaa	gagtagttta	gtcaaattcca	aggggttagac	142560
aacagaaatc	ttttttgtca	agtgcattct	ttgtgactga	tttcattttc	ttcctgggtt	142620
acacaggaag	atttcagaaa	caaagtgtga	tccgtgacag	atggatatcta	gaagttttta	142680
gtttgggtga	attgacagta	ttttattgag	taaaagatac	taattttttgt	aagaagaaaa	142740
attcaatttt	gataagtatg	tttaagatta	agagctattg	gccaggcgct	gtgggtcatg	142800
cctgtaatcc	tagcactttg	ggaagctgga	gcagggtgggt	cacgagggtca	agagattgag	142860
accatcctgg	ccaacatggt	gaaaccctgt	ctctactaaa	ttagccaggc	gtgggtggcac	142920
atgcctgtgc	accgcctcc	gggtttaagc	gatcctactg	cctcaggctc	ctgagttagct	142980
gggattacag	gcgccatggc	taattttttgc	attttttagta	gagacagggg	ttcactacat	143040
tggccaggct	ggtctgggtc	caaactcctg	acctcagggtg	atctgccgcg	cttagcctcc	143100
caaagtgtctg	ggattacagg	catgattcac	catgtctggc	catttatctt	attttctttt	143160
tttttttttt	ttttgtttga	gacggagtct	tgctgtgtcg	cccagagctg	gagtgcattg	143220
gtgcatctc	agctcactgc	aacctctgcc	tcctgggttc	aagcaattct	cctgcctcag	143280
tcttccaagt	agctgggatt	acaggcgctg	gccaccacat	ctagctaatt	tttgtatttt	143340
tagtagagac	agggtttcac	catgttggtc	aggctgggtc	cggaactcct	gacctcgtaa	143400
tctgcccacc	tcggcctccc	aaagtgtgta	gattacaagt	gtgagccact	gtgcccagcc	143460
atcttatattt	ctttcttttt	ttttgtcggg	tgggaggggg	acagagtcta	gctctgtcgc	143520
caggcttggc	tactgcaac	ctctgcccc	caggttctag	caattattct	gcctcagcct	143580
cccaagtagc	tgggattata	ggcacctgcc	accacgcctg	gctaattttt	tgttattttt	143640

agtagagatg	gggttttgc	atgttgacca	tgetggcctc	aagtgatccg	cccaccttgg	143700
cctcccaaag	tactgggctt	acaggcgtga	gcttgtattg	ggtaaaagaa	caatattggg	143760
ggctgcatgg	tggttcatac	ctgtaatctg	agcactttgt	gagactgaga	tggaaggagt	143820
gttggagccc	aggaggggtga	ggctgcggct	gcagtgaatt	gtgatcacgc	cattgcactt	143880
ccacctaggt	aatggagcaa	gacctgtctt	ctaaaaaaca	aaacacaatt	tttttaagga	143940
atactgggaa	gaggtcagtg	gtgggttttag	aacagaggaa	gtgccagatg	acctttgtga	144000
ggcattggcc	aggaagaact	ctacagtgtc	tttaggtagc	ttctgtccat	aaggataatg	144060
gggtctcctc	cccagtatta	atagaaaatc	tctgagctgt	ttttttttgt	ttgtttgttt	144120
tgtttttttt	tcctgagatg	gagtctctct	ctgtcggcca	ggctggagtg	ctgtggcgcg	144180
atcttggctc	actgcaagct	ctgcctccca	ggttcacacc	attctcctgc	ctcagcctcc	144240
caagtagctg	ggactacagg	tgtccaccac	cacgcccagc	taattttttg	ttatttttag	144300
tagagatggg	gtttcaccat	gtcagccagg	atgggtctcga	tctcctgacc	tcgtgatccg	144360
ctcgccctctg	ccttgcaaag	tgctggagtt	acaggcgtga	gccaccgtgc	ctggcctggg	144420
ttttttgttg	ttgttattta	tttattttatt	tattttatttt	ttgagacaga	ctctcgctct	144480
gtcgcccggg	ctggagtgta	gtggcacgat	gtcggtcac	tgcaagctct	gcctgccagg	144540
ttcaagccat	tctcctgcct	cagcctcctg	agtagcaggg	accacaggcg	ctcgccacca	144600
cgcccggcta	attttttgta	tttttagaag	agacgggggt	tcaccgcatt	agccaggatg	144660
gtctcgatct	cctgatgtcg	tgatccgccc	acctcggcct	cccaaagtgc	tgggattaca	144720
ggtgtgagcc	accgtgcctg	gcctgatttt	tttttttttt	taatctgggt	tcatacctct	144780
gacagctcat	gaagaagtgc	tcctgcttca	tatgtatatg	tgtagcata	gtgttaacat	144840
agcataggtg	ttcgggtgtt	gcagtttctg	tttggttttat	atgaattaag	gtgtattatg	144900
agcagttgaa	gatatatagg	aaattttttc	ccaaaccact	atctctgctc	gttctattca	144960
ttcagctctgt	ttatgttatt	ccttcattca	ttcatttttat	agaacagtgg	agtgcctact	145020
gtatgcactc	attgttctgg	gtcctgggga	agaaaacaaa	gttcttgctt	tcattggaact	145080
tacattatat	tggcggagac	agtaacagac	aaacaaatgt	agcctgtgta	catgtgttac	145140
atgaaaagca	gggtaggggg	ctgggagaga	gtagtaggga	gtgctatttt	cgagggtggt	145200
gtcaggaaag	gcctcactga	ggaggtggca	ttttgagtag	acctgagcgc	agcggggggc	145260
taagcccagg	cagcatgtgg	aggaagagtg	ttcttggtga	aaggaacaag	gatagaggcc	145320
cgaagctaga	gagctcagca	tgatcaagga	acagcaagcc	ccgtgtggct	ggaatggagt	145380
gagcaaagga	atgagcagta	gaaggtgagt	gagttgggag	gtcaccagag	accatggcaa	145440
ggacttgaaa	gtgtcaggga	cacattggaa	gttggagcag	ggaaatgatg	ggatttatgt	145500
tttggttttg	ttttatgttt	agtgttttta	agggattgct	ctatcagcta	tttggaataa	145560
ttagtgtagg	gcttcaagaa	gagaagcaga	gaaacaacat	tcttgccata	gtcatagtct	145620
aagtaaggga	tgatgggtgg	gtggattagg	ctggtagtgg	aagaccagtc	cagttcgggt	145680
tgtatttgaa	ggtagaggca	aaaagattat	atttctacca	gcaagcccat	ctatgaagtt	145740
acttgtatta	ttaatttaat	tgagacatgc	ccacataaac	taataaatag	gaatttctgc	145800
agtttggtta	aacaccctg	tatatcctgg	ttcttctttt	agttgtccag	atgtctcttt	145860
aagtcaagta	ttttttgggt	gtgtaggagc	ctagagattg	aatttattca	cccaaaaggc	145920
atttgagtga	ttactatgtg	ccaggcacta	tgctgaatgc	caaggatgta	aataagaggg	145980
cgtagtctca	gtctgtttta	ctccagcttg	gttccttttt	aatgaccctg	acttgttaag	146040
catatcagtt	atcctacaga	atgttttaatc	ttctgtactt	tcctgggtgt	gttatttagc	146100
ttattttctct	ttccttgaca	tttcttgtaa	actggaagtt	acacctatag	tcttgatgat	146160
tcgtgttaca	catttttagat	tagaacacat	catgtgttgt	atatgggtgt	tttgaaagcc	146220
tctctgtata	ttgggtctgta	cattaaaatg	ttgcctgaat	ggatacacat	aaaatttaac	146280
agtgattaca	ttagagatga	gaagaaagag	gtgcctttta	cttttcaata	taccttttcc	146340
tctgcttttt	gaactttctt	gccctatgca	tacgttattg	cttaatcatc	cacctcatct	146400
cttcccctgt	ggctttctgt	tgcatttgga	atgaaatcta	gcctcttttg	tgttacctgt	146460
ggatgtccct	tgetggcctc	tatcacctta	ctttgaacca	ctcctttcat	ggactgagct	146520
ctcattggac	tatctttttat	tctttttgctg	aagtttcttc	actttgagtg	cctctgcagt	146580
tgctatttca	tggctgtggc	aagccctgcc	atggctttca	tgcaaggatg	gttcctcctt	146640
ctcatctcaa	tattatctct	tcagagaggg	accttcccaa	ctccgatgat	ctaaaatcct	146700
ttgtatatac	cactcactac	cacttctttc	ttttcttttc	cttttatctt	tttttttttt	146760
tttttttttt	gagatagggt	cttgcctctgt	tgcccaggct	ggaatcacga	ctcactgcag	146820
cctcatcttc	ttgggctcaa	atgacccctc	cacctcagcc	tctcgagtag	ctggaactgc	146880
aggcacacac	caccataactt	ggcttattat	tttacttttt	gtagagacag	ggtttcacca	146940
aggctgggtct	caagctcctg	ccgcaagcaa	tccacatctc	tcagcctccc	aaagtattgg	147000
gattatagga	gtgagccact	actcctggcc	tattttctta	ttcactgtct	aaaattatct	147060
tgttcattta	tttacatact	tgtttatagc	ttattttctca	gctggacatg	gtgcctcaca	147120
cctgtaatct	caataactttg	ggaggctggg	ttggagaatt	ggttgagccc	aggacttcaa	147180
gaccagcctg	ggcaacaaaag	tgagaccctg	tctataaaaa	attgttttaa	aattagctgg	147240
gcatgggtggc	acatgcctgt	ggtcccagct	acttgggagg	cagaggtggg	agaatcgctt	147300
gggcccagga	ggttgaggcg	acggtgagcc	atgattgtgc	cactgcactc	tagcctagtg	147360
acagagttag	accatgtgtc	taaaaagtaa	ataaaaaatag	tttctctttc	atgactagaa	147420
tattacctct	atgtgggcag	ggagtttgtc	tatactattt	ggcactatat	ttcctgattc	147480
tgaaattatg	cctagcacat	ggttaagtact	ccttaaatat	ttattgactg	aattatttaa	147540

tacttaagaa	tttcatttgg	gattatctga	gtggtaagat	tacggattat	atztatgtaa	147600
gaaaaaatca	ttttttaaac	ttggttgccc	tttgccacac	tgacatagac	actaagtttt	147660
cttagccaga	ttacttccga	ggatactcac	agaggccatt	ctcttctcaa	tccccaata	147720
attgatattt	cttagcactt	tcaagctaata	gcaattctta	gatgatgtat	ctgtgtatat	147780
catatcctca	ttctacaaat	gtagaaattg	aagtctgggc	acagtggctc	tcacctgtaa	147840
tctcagcagt	ttgggaggcc	aaggcgagcg	gatcactgag	gacaagagtt	aagaccagcc	147900
tggccaacat	ggtaaagcct	tgcctctatt	aaaaatacaa	caattagggc	cgggcgtggt	147960
ggctcacgcc	tataatccca	gcacgttggg	aggccaaggc	aggcagatca	cgaggtcagg	148020
agttcgagac	catcctggct	aacacagtga	aaccccatct	ctactaaaaa	tacaaaaaat	148080
tagccaggca	tgggtggcacg	cgcttgtagt	cccagctatc	gggaggctga	ggcaggtgaa	148140
tcccttgaac	ccgggaggcg	gaggttgcaa	tgagctgaga	ttgcaccgct	gaactccagc	148200
ctgggtcaaca	gagggagact	ctgtctcaaa	aaaaaaaaaa	aaaaacaatt	agccaggcgt	148260
ggtggcgggt	acgagtacct	gtaatcccag	ctactaggga	ggctgaggga	ggagaatcac	148320
ttaaaccag	gaggtggagt	ttgcagcggg	ctgataatgc	accactacat	tccagcctgg	148380
gcaacagagt	gagactctgt	cttaaaaaaa	aaaaaaagaa	agaaagaaat	tgaggaatgt	148440
ggagattgtg	gtctgtgatt	tgttaggaat	cacacagcag	gttagtagca	actacagggc	148500
tttggttcag	aataccacct	tgacaatggg	ttgtttacag	ttcggctccc	cttctctctgc	148560
ctttctctcc	ttccttattg	agggcagctg	gaaagaattt	tcatcattta	ctagcctata	148620
gctttaattt	gagttttgaa	accttgataa	tagagcacag	aggaaaagac	tgagttttct	148680
ttttttgaga	cagtcttgct	ctatggccca	ggctggagtg	cagtgcacc	atctcagctg	148740
gttgcaacct	ctgcctccca	ggttcaagca	attctgcctc	agcctctcga	gtagctgaga	148800
ttacaggcac	gtgtcaccac	gccagctaa	ttttctgttt	ttgtttcggt	ttgttttttt	148860
ctgagatgga	gtcttgctct	gtcaccagc	ctggagtgc	gtgggtgcg	gttggtcac	148920
tcaaacctct	gtctcctggg	ttcaagcaat	tcttctgcct	cagcctcccc	agtagctggg	148980
actacaggta	cgtgccacca	tccctagttc	atttttgtat	gttttagtaga	gatgggggtt	149040
cactatgttg	accaggctgg	tctcgaactc	ctgatctcag	gtgatctact	cgtctcagtt	149100
tcccaaagtg	ctgggattat	tggcacacgc	ctatttttgt	attttttagta	gagacggggg	149160
ttcaccatgt	tgggttagact	ggtctcaaac	ttctgacctc	aagtgatttg	cccgccccag	149220
cctcccaaag	tgctgggatt	acaggcgtga	gccaccgtgc	ccagccaaga	ttgagttttg	149280
aaaagagcct	tctgagatta	tgagaagggc	aagcaagata	acttaagaag	ttacattaaa	149340
atcatctaag	agacagtgtg	acaagaagga	attgtaaaat	gatgttatga	gcacgtgccc	149400
aatgtagtgg	caatcccttg	tgttcgata	cattgggtggg	agacaaaact	gtacttaa	149460
tgataaatcc	cttacatgtc	attttaagga	gcttagactg	actcccatca	tgtagacatc	149520
agagatttct	tttttttttt	tttttttttt	tttttttttt	tttgtgacag	agttttgtct	149580
ttgttgccga	ggctggagtg	caatggcgtg	atctcggctc	accacaacct	ccacctccca	149640
ggttcaagca	attctcctgc	ctcagcctcc	cgagttagctg	ggattacagc	catgcaccac	149700
cacgcctggc	taatttttga	tttttagtag	agacgggggt	tctccatgtt	gtggctgggtc	149760
tcgaactcct	gacctcaggt	gacctccc	cctcagccac	ccaaagttct	gaaattacag	149820
gcgtgagcca	ccgcgccag	cccagagatt	tctaaacaga	gttctaacca	gatgcttttc	149880
cctgtcagta	gaatgagaat	gaattggagg	tgggagagac	tggtcatgagg	gacaccagtc	149940
agccagtgga	attagctggg	aatgttgata	ggagaagaaa	aagattcaaa	gttaggtagt	150000
ggtagcaaga	attagaggga	aggtcggatt	tatgatattg	ccaagggtga	attctaaggt	150060
gaaatttggg	ggcagatttc	atgtgtaaat	tgggaaggta	gattgagttt	ttttaacatg	150120
ggttttctaa	catgtcaata	gagtgtactc	gcaggggggc	ctgacgagag	aacagtgc	150180
gggtgtattc	aacagccagt	tgagccttca	tgcagagcat	ttaacactgt	gactctgtag	150240
actctgggtg	gcagtaaaat	ttcattaaac	caatatttaa	acccttaggt	aataataaaa	150300
attgaggga	aaggatccag	gttttgtatt	ttttatgaat	tcagttattg	aattaaacag	150360
gaccttgctt	caagaaataa	tctaccaaca	attaacttgt	tttaaagcaa	agttagggaag	150420
tgagcatggt	caaattatta	aataaaaaag	taagctgtgt	atctcattca	tagaaataga	150480
ggctggccta	cttcggatga	ttctcagcat	gtgattacag	atgtgggctt	atacatccta	150540
gggagttaag	gcgtactctg	gcttggatag	agtagagctc	tttgaaactc	ttctctcacc	150600
cagctagttt	atatagacta	gagaactaga	atgtagcagc	atactctgtc	ttagaagccc	150660
ttttatatag	gagctgggtc	ggaagggttg	aaaacataac	aaatgtgttg	gtgtctccca	150720
atgtattgct	agattcttac	ccaagagcat	tatcctgggt	agggtttggg	ttgggttttgt	150780
tttgtttttt	aatgtttgcc	acaaactaac	actagatgtt	agttctttca	tcaagtgagg	150840
agagtagaag	aaaagtccag	aactctgaaa	caccttttca	aaagtttttc	aagccatgat	150900
gtttgcaagt	taaatgctct	gttatgtgaag	caatataatc	agttttttatt	aatgtaacat	150960
tccttagtgt	tttgggggtat	cacacaaaaa	agaatatcca	tatctggaag	caacagcttt	151020
taaataagag	cattgtgggtg	gtgggtgggtg	tagtgggtttt	tttttttttt	tttgagttgg	151080
agtctcgctc	tgttgcccag	gttggagtg	agtggcacga	tctcagctcg	cttcaacctc	151140
tgctcccagg	ttcaagcaat	tcttctgcct	cagcctcctg	agtagctggg	attataggca	151200
cctgctacca	tgcctggctg	atttttatta	tttttagtaga	gacaggtttc	accatgttgg	151260
ccaggctggg	cttgaactct	taacctcagg	tgaatcacc	acctcggcct	cccaaagtgc	151320
tggaattaca	ggcatgaacc	accatggcca	gccaaataag	agcattttta	atgtaaaatt	151380
atgcatgaaa	tgtacattca	attttgtctt	tgtttactag	gatccatggt	ctcacaagct	151440

atgaagaaat	gggtgcaagg	aaatactgat	gaggtaaatc	ctaccttttag	gataaaaaga	151500
tttctgttta	taagtgccac	cctcatgtaa	gtgaggttta	aaatttttct	tttcttttagg	151560
tcccatgttt	aagcagcatg	gcacatttat	gttctcttac	ccagaatgta	ccaagaaagg	151620
gtgggtccctt	cttaacatct	aacaattgcc	tggtagtagc	agtgaaggta	tcttcagtca	151680
gaggctagga	ccactgaagg	atatacatgc	attcaagttt	ccatcagcca	gcaggcatca	151740
gtaatcagtg	tgtagatcaa	aagctcaaat	gtttccttcc	ccactggcag	ttttacttca	151800
agtagtggag	gcttgctttt	ttaatagtta	attaagtaca	ttgagagatg	ggaggtgaaa	151860
aaaggaaaat	gtttttatttt	gaccatctaa	tatgaaagta	gttcggtgtt	aggtatccag	151920
tagttgacac	tggagagacag	ggaatgacat	gttaatatcc	atagccagag	ggtggcccag	151980
gttttttctg	acatgggaat	gaaattctta	tccaaataag	tagaaattat	gtgcgtaagc	152040
cattttgttaa	gagcactgag	tatgtgcac	tcgatccatc	taatgaataa	ccattatcac	152100
cagttttaa	tattttcttt	aggcccagga	agagctagct	tggagatttg	ctaaaatgat	152160
agtcagtgac	attatgcagc	aggctcagta	tgatcaaccg	ttagagaaat	ctacaaagg	152220
aaggatgact	tcgttttgtg	taaactaaaa	agtattat	tccaggtgta	aaaataaaaa	152280
agaacataag	gggtttcttt	gcctttgaag	gattaactgc	tgtggggatt	accttcttat	152340
cataagcaac	tagaaaattg	acaaactaaa	tgaacaact	gtttgcatat	attggacaat	152400
gggcaatata	gggaaaccat	ggaaacccaa	cagagcccag	tagtcttgct	gaacgaaaga	152460
gttaaatatc	aaagttcagg	ccaggtgcag	tggctcacgc	ctgtaatccc	agcactttgg	152520
gaggccaagg	cgggtgaatc	acttgagggtc	aggagttcaa	gaccagcctg	gccaacatgg	152580
tgaaccctg	tcttagccgg	gtgtgggtggc	aggcacctgt	aatcccaact	atttgggagg	152640
ctgaggcagg	agaatcgctt	gaaccaggga	ggcggagggtt	gcagtgagcc	gagatcacac	152700
cactgcactc	cagcctgggc	gacgagcgaa	accccatctc	aaaaaaaaaa	tcaaagttca	152760
gagagctcaa	tttgagttaga	agtgttagga	taaggtagca	gaaaagagga	agctgcccag	152820
aaagaaagcc	gtagagatat	ttagagagat	tcccatggat	ccttggccta	ggagtgatct	152880
gtatatgtgt	ggggtgaaaa	cgcattgtgtc	caggtagaga	accccccaga	aattagtagg	152940
ctgaatgatt	gctggaacat	agggttaaga	aaagttcatg	gccagaagga	tctggccaga	153000
gtagagagac	ttagtaatac	acaaggcatt	gggtagtgtc	ttcacagagg	ttatgcctta	153060
ctactgaaga	taaattagtc	ctagagtaca	agcacctgaa	ccaagtttca	aagcaaattt	153120
ttaaagggtc	aaattaccta	acaactgcat	gccaaaacaa	aggcctaacc	ctctttacag	153180
taacacaaca	aaattcagca	cttcacagtg	taaagttaga	atgtctgacg	tccaggctgg	153240
gcgcagtggt	tcatgcctgt	aatcccagca	ctttgggagg	ccgaggcagg	tagatgacct	153300
gaggtcagga	gttcaagacc	agcctggcta	acatggtgca	accccgctct	tattaaaaat	153360
acaaaaactt	agccaggcat	ggtggccggc	acctgtgatc	ccggctactt	gggaggctga	153420
ggcaggagaa	ttgcctgaac	ccaggagggtg	aaggttgcag	tgagccgaga	tcgcaccact	153480
gcactctggt	ctgggcaaaa	agagcaaaac	tcaggctcaa	aaaaaaaaaa	gaatgtctga	153540
cgtcaatcac	aaattaccaa	gcattgacatg	aagttgacct	ataaccagga	gaaaactcaa	153600
tctatagaaa	cagacccaga	tgtgagaaag	atgatgaatt	tagcagacaa	agaccatcaa	153660
gtggctat	taaatattaa	aaatatgttc	aagtggccag	gtgcagtggc	tcatgcctgt	153720
aatcccagca	ctttgggagg	ccaagggtggg	taggagttca	agaccagctt	ggccaatatg	153780
gtgaaacccc	ttctctacta	aaaatacaaa	aaaattagct	gggcatggtg	gcagggtgct	153840
atagtcacag	ctatatggga	ggctgaggca	caagaatcac	ttgaacccgg	gaggtggagg	153900
ttgaggttgc	agtaagccga	gattgtgcca	cttgtactcc	agcctggaca	acagagttag	153960
actctgtctc	aaaaaaaaaa	aaaaaaaaagt	taaagaaaac	aagagtataa	tgagaaaaat	154020
gcaaaatagt	tttaaaagaa	ccaaatggaa	tttcttaaaa	taaaaaatac	cagaaatggg	154080
ggccggggcgt	ggtagctcac	gtctataatc	ccagcacttt	gtggggggctg	aggcaggcag	154140
atcacctgag	atcggtagtt	caaggccagc	ctgaccaaca	tggagaaacc	tcatctctac	154200
taaaaatata	aaattagctg	ggcgtgggtgg	cgcattgcct	gtaatccag	ctacttggga	154260
ggctgaggca	ggagaattgc	ttgaacccgg	gaggcagagg	ttgcggtgag	ctgagattgc	154320
accagtgcac	tccagcttgg	gccacaagag	tgaactccg	tctcaaaaaa	aaaacaaaaa	154380
aaaacagtag	actcgaagaa	ctagctgagt	ttttctttac	tttaggcagt	aagtgtgacc	154440
ttttgcaggt	gactacttta	gttcctcatg	tcctcattag	tagatcagag	aaattcgaca	154500
ccaaaacccc	aaaagaaaaa	ccccttctaa	tcctcattcc	atgattttat	gaatgcatga	154560
agtcctaggc	ctgcgaagga	atactcatte	tctttatcct	gtgttgatac	ctctctgctt	154620
caacctccaa	ctcgacattt	gcctatagga	tgtacttggg	cattcagcat	aaactacctc	154680
acaccattac	tgaattgctt	catgtgcaca	tgtcccatgc	cacaataaccg	gggaccttgt	154740
cttccgtgat	atttgtccgc	agtgtgtgta	ctacaggagg	gagtcagtga	atgtctgcat	154800
gtgtgtcttt	accatccctc	ttgaatatgc	tctagggtta	attcctagaa	gtagaattac	154860
tctattgaaa	attggcaata	tttttcatte	taatattctat	tgccaacatg	ggaaagcaag	154920
tctggatgcc	agtccttgtt	atatgccctt	tgggtaagtt	acgtaacctc	tttaagcttc	154980
tgttcactca	tattttaaca	aggaaaatta	caatatttta	cctcacaana	ttgtagttag	155040
cttctggctg	tcttaaaactc	tggatatatg	taaacactaa	gtgttgggtgt	ccatccttaa	155100
tttgtaataa	taggtcactt	gttagagaaa	tgcaccttac	cattttcttt	tcttttcttt	155160
tttcagttat	gactcaaaac	ttgagataaa	ggaaatctgc	ttgtgaaaaa	taagagaact	155220
tttttccctt	ggttggattc	ttcaacacag	ccaatgaaaa	cagcactata	tttctgatct	155280
gtcactgttg	tttccaggag	agaatgggag	acaatcctag	acttccacca	taatgcagtt	155340

acctgtaggc	ataattgatg	cacatgatgt	tcacacagtg	agagtcttaa	agatacaaaa	155400
tggatattgt	tacattacta	gaaaattatt	agtttttccaa	tggcaataac	ccattttatga	155460
gagtgtttta	gcctactgga	atagacaggg	accacatcct	ctgggaagca	gataagcata	155520
gaactgatac	ttgatgcaca	ctcgtagtgg	taactcatcc	ctaatacagca	ttgtaaagca	155580
ggtgccagag	gtggtttgct	ttgtccttcc	aaagcaggtg	agtcagcccc	accgagagcc	155640
aggcagcttt	gagtggcagc	gtggtgctag	cagcttcagc	ggaacagggt	gagagttaat	155700
tatgcagtct	tcttgacagc	ggcattaatt	tgggaaggaaa	ctgacaagtc	atgggtcaag	155760
tttcagtgc	ttcctccttc	ctctgatggc	agtatatagt	tttcacattt	taattcctcc	155820
tcctgagatg	cactatactt	aaaaccattc	tctcccctgc	taacagaagg	gtgtgaatct	155880
ggtttacttt	gagcattagg	atlttgccct	ttggaattct	gcactccagt	tacttaactt	155940
tcctttcaga	atacatgtgg	aaagaaagaa	agaaatagcg	atgactccac	ttttgcccct	156000
gtggcacctt	gaacaaagca	gttcttccca	aattatactt	tttttttttt	taaataaggt	156060
gagcaggatg	actggggaga	gagaaacatt	tgactttgac	tgccctcccc	attcctttgct	156120
gtgagctgga	aagtgtgcag	ttggtcgtct	ttcttctcct	ttcttttagga	tagtaagaga	156180
ctcactcact	gcacttctgc	tcagttggct	tctgcacccg	gatcacacag	ccatcagcag	156240
gactgccccag	ttggtgagca	cactccattg	accacgcggc	gccagcgctt	cctcaatgca	156300
catgattgag	aggaaagaaa	gttctcttag	atgttactgc	ttttgctcag	actttgcaaa	156360
aaaaaaaaata	tatatatata	tgtataaata	tataattatt	aatcactttt	gtccttgaga	156420
aagtcttgaa	tgaacagaga	atlttattcca	ttgcaatatt	tgattgtata	gaggcacact	156480
gtttcatcga	cagaagaagc	aaaaaggctt	tgtgtaagtt	tttggtacta	tgtaccacct	156540
ctgttattct	tttaaagctg	aagtattcat	gtacttaaac	catattatat	tttaattgtgt	156600
ttgatttttaa	aatatatata	tatgaattct	atlttaaaatt	gtgtcaactt	tctgctttca	156660
gggcatttat	ggctcttctg	ttgaaatata	ttgatctttc	caaataattt	catttgcttt	156720
ctaaaaaccc	agaacatgag	ccactactgg	actttgcctt	gtgtttgaag	tgtatggcat	156780
aaaccacaagg	tttttattag	tcacttatgc	tgtgattaat	tcattttgtt	cttttaacaa	156840
aatattttcca	tccacttcac	attgcttcaa	tctttaacag	aaaagcaata	taaagggtat	156900
agaataaaaat	gtggtttttg	gcaactcttg	ctgcctctgc	atgttttgga	ataacaattt	156960
ctacaagact	ctaggctggt	taaactagt	ctttcagtta	agataaattc	taatcatttc	157020
tttgatatata	cattttgtgc	ttctgagcta	gagatgccaa	gtagtgttaa	actgcttata	157080
aagagaatag	cagcaaattt	gagactcggc	tacttttttc	tgccccacct	gctttgagac	157140
acagaagcgg	agtgtggccc	gaaattatta	gccagattta	atatttgatc	ttaaagtaggt	157200
ccttgctactc	atltttaaagt	tgggaatttga	ttcctccaac	attgagcacc	caccatgttc	157260
caggctctgt	gcattgtgcc	cacaaaaata	gattccctgg	tggagttttt	atgggttcaa	157320
ataatcagtt	gaacaccctt	catctttatc	atgttggtga	cattgacaca	aattgtttta	157380
aaagaaaaga	tattagagag	aaagtgttac	cttttgtaact	tgatgtgtct	tcatcattcg	157440
gtaagattttg	atgaaagtaa	aaagcaaattg	tcagccaaat	ccagtgaaca	gcaataaaaac	157500
agggagtaac	ttttttataac	tttttctact	tggatttcaa	cattcagtag	agctttttcga	157560
aatgtaagta	gtttacagta	ctggagggtt	gactagtcca	gtaggaattt	ggagggggaag	157620
gtcattctga	attgtaacaa	agtacaaact	tctttgctgt	tttattttaag	tactgagagc	157680
taagcacctg	atgaagtgc	tgacctctct	ccagtgcag	tggttgggta	cctgcctgac	157740
ttcaggagtg	gggtttatgt	ttctacacag	tgaccttttc	tctcgcctc	tcctccctct	157800
tgcccacaca	ccagttgatt	ggacctgggt	tgaactcctg	atccagacag	gccaagaca	157860
gttcttaatg	ttaagaattt	tggggccggg	cacggtggct	catgcctgta	attgcaacac	157920
tttgggaggc	cgagacaggc	ggatcacttg	aggtcagggg	ttcgaggcca	gcctggccaa	157980
catggtgaaa	ccctgtcttt	actaaaaata	caaaaattag	ctgggcatgg	tggcgcacgc	158040
ctgtaatccc	agctacgtgg	gtggctgaga	caggggaatc	gcttgaacct	ggaggcggag	158100
gttgtgcaat	gagccgagac	cgtgtcactg	cattccagcc	tgggtgacag	aggagagactc	158160
tgtctccaaa	aataaaaaata	agaaaaagaa	ttttgggcta	ggtgcagtgg	ctcacgcctg	158220
taattacagc	atltttggaag	gcccaagatg	ggcagatcac	ttgaggacag	gagttcgaga	158280
ccagcctgga	caacatggtg	aaactccatc	tctactaaaa	agacaaaagt	tagccagatg	158340
tggtgatggg	cacctataat	cctagctcct	cgggaggctg	gggcaggaga	atcacttgaa	158400
cccaggaagc	agagattgca	gtgagccaag	atcacatctc	tgactccag	cctgggcaac	158460
agagcaagac	tctgtctcaa	aaaaaaaaaga	atlttgccag	gcgcagtgg	tcacgcctgt	158520
aatcccagca	ctttgggagg	ccaaggcagg	cagatcacga	ggtcaggaga	tcgagattgt	158580
cctggctaac	atgggtgaaac	cctgtctcta	ctaaaaatac	aaaacattag	ccgggtgtgg	158640
tgggtgggcac	ctgtagtccc	agctactagg	gaggctgagg	cagaggaagg	atgtgaaccc	158700
aggaggcgga	gcttgacagta	agccaagatc	gtgccactgc	actacagtct	gggcgacaga	158760
gtgagactcc	gtctcaaaaa	aaaaaagaat	tttggccggg	tgccgtggca	catgcctgta	158820
gtcccagcac	tttgggagac	caaagtgggc	ggattacctg	aggtcaggag	ttcaagacca	158880
gtccggccaa	tatggcgaaa	ccctgtctct	tactaaaaaa	aatacaaaaa	ttagccaggt	158940
gtggtggcgg	gcacctgggg	aggctgaggg	aggagagaaat	gcttgaaccg	gggaggcaga	159000
ggttgacagta	agccaagatc	gtgccactgc	actccagagc	aagactcttt	ctcaaaaaaa	159060
aaaaaaaaaag	aattttgcat	ggggaaggag	agatactgtt	caccatctgg	aatggtgctt	159120
ggatgtggca	cttacaaaat	caggagccag	cactgcatgg	acaaacagaa	gcatgtgggc	159180
ctgagatagc	aggtaacctg	ataaccctga	agacatcctt	ggtttctgca	tctattcctg	159240

catccttgca	ttggactaca	ttaatctgtc	agttatcctt	ataatgattt	ttgatttttt	159300
ttttttgaga	tggagtttcg	ctcttggtgc	ccaggctgga	gtgcaatggc	acgatctcgg	159360
ctcaccacaa	cctccacctc	ccaggttcaa	gtgattctgc	tgcctcagcc	tcctgagtaa	159420
ctgggattac	aggcatgcgc	caccacacct	ggctaatttt	gtatttttag	tagagacggg	159480
gtttctccat	gttggtcagg	ctggtctcga	actcccaacc	tcagggtgatc	accctgtctc	159540
ggcctcccaa	agtgctggga	ttacaggcgt	aagccatggg	acccgggtctg	ttttttgatt	159600
ttttgaaacc	agtctgaagt	gagttttttt	aattacgtga	aaggagtttg	gctaaaatac	159660
tgccatactg	ccctaatagcc	taatgattat	gtattctcag	catgtctgca	aagtactgct	159720
gatttctgga	gaataatttt	tctttagtaa	acttcactta	agtcgtcatg	tgtattctct	159780
caaaatggta	tcctaaccta	atggagctaa	aagacacccc	ttgtttttat	aacaagcagt	159840
tactgaggcc	caggaagggg	agaagtccct	ggcttgtgag	atgatcacca	ttagaactca	159900
ggcctggggc	agtgcctttt	catgcttctc	agatccttcc	aaagaataat	gaagattata	159960
accgctttta	gcaattgtaa	taaaccacga	aatagaaagc	tttttggtta	gagtactggg	160020
agaagtttgg	cgggagagat	aattttttaca	aaatttgtaa	atacctgcca	attctatata	160080
ctaggcaagg	tctctggcct	tgtaaaaccc	ctcaagggtta	caactttggg	ggcccacact	160140
aatagttacc	cactgaggcc	ctctccgggt	gaacattgag	cactagagga	agcccctctg	160200
cttgggacag	actgggctgt	gtgcagagta	ggagcgggtga	tactgtggat	tctgggcagg	160260
tggagatggc	cagtgatgtc	caataaagga	cactggagggg	agcagtgtga	gtaaaggccc	160320
tgagggcatt	catgttcagg	gagggttgct	gcccactggc	ttgcttggca	cacaggagag	160380
tgggtattcc	tgccttagta	actttatgta	aacaagtatt	tcctcagtct	gttcctctca	160440
aactgcctgc	tctggcacat	tcagaatgtc	acagaactca	cctggatgca	ttcagcccct	160500
tgcctaaagg	tgacagtgca	tctccttccc	caccccaccc	ctcataccac	tgaagcacct	160560
gtcagactgg	cccagtctgt	gggcaaggag	cctagagagg	gcttagtttc	agcttgaaag	160620
gagctgggat	ttaccaagaa	gcaaattgaga	gacgaggatt	gcaacaactg	tgccatttcc	160680
ccagcttcag	ctgactcctg	tatatgtact	gtgccttcag	actcatccgt	aagtgacccc	160740
aggctggcct	ctcccacatc	acagtaagaa	ttccacacac	catacaactt	ggaaagaggc	160800
tccagctgaa	ggaagcccca	cacttctttc	aagtttttct	tagtcttctc	ttcttggaag	160860
agagtacctt	ttgtttcttc	taattatgta	actattgggt	tagtaaatat	tcacccattc	160920
agtcaccctg	taagtggcag	gcactgttta	cagggaacac	ggaaggaata	aaaacttgca	160980
ggcaccttgg	agcttgcat	ctattgaaga	ggtaattgaa	gttgggatag	cagctaaact	161040
atgctggtat	tggccaggcg	cagtggctca	cacctgtaat	cccagcactt	tggaggccaa	161100
ggtgggcaga	tcatgaagtc	aggagatcga	gaccatcctg	gctaacatgg	tgaaaccccg	161160
tctctactaa	aagtaaaaaa	aaaaattagc	cagggtgtgg	ggcgggcgcc	tgtagtccca	161220
gctacttggg	aggctgaggc	aggagaatgg	tgtgaaccca	ggaggcgaag	attgcagtga	161280
gccgagatgg	caccactgca	ctccagcctg	ggtgacagag	cgagactctg	tctcagaaaa	161340
aaaaaatatg	ctggtagt	tgattcaaga	tggcctttgg	agcccatgat	ttaggctctg	161400
taccacacaa	ggtctactgg	aaaacatcag	gctctcctgc	tatagaccca	tagggagagc	161460
tgcagccgag	agggggagct	gaagagaagt	gccccttctg	tgtcctgtca	gcctcatcct	161520
tccgcaagga	ccagttgctg	tgccactcca	ttcacttgct	gcaagactgg	aggtttttcc	161580
tcaggtgttg	agcacctggg	ttacaagatg	tcagcatcct	gatgcctgag	accatcaagg	161640
caagtctctg	aacagggctt	accttagagt	aaggcttaga	agaggccgta	aagtcagtct	161700
cagctccgtg	gctctgcaga	gctttgggac	atgtgaattc	ttaaaaacaa	gactattgta	161760
cagttactat	atgcatgcag	tataaaatta	taaccttgga	aaatcctagc	tagctgttga	161820
gctaattcca	taaagtaatc	agctcctgag	ttctgcagtg	gtaataataa	tcagcataat	161880
gagtaaacac	tgtgtgtgcc	aggcagcgtc	tcatttgatc	cttgtgataa	tcttgtaagt	161940
actgattttc	tcccttcttt	aaacaaagtt	tttttttttt	tttttagagag	ggtctcacta	162000
tgttgcccag	gctagtcttg	aattc				162025

<210> 19
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 19
 gccgcatat tatcaacaa

19

<210> 20
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Primer

<400> 20
ctctgcgtct caggtatt

18

<210> 21
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 21
ccccagggag ttagttttgc

20

<210> 22
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 22
gatccacggt cctcaaagaa

20

<210> 23
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 23
cactgcaccc agccttatg

19

<210> 24
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 24
ctgggatgtg aaggaaagga

20

<210> 25
<211> 25
<212> RNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 9
<223> N= a or g or c or t/u

<223> ribozyme

<400> 25
ugcacugang agccuggacg aaacu

25